731 Lexington Avenue Tel +1 212 318 2000 New York, NY 10022 bloombergsef.com

Bloomberg

September 14, 2015

Submitted via email

Melissa Jurgens Office of the Secretariat U.S. Commodity Futures Trading Commission Three Lafayette Centre 1155 21st Street, N.W. Washington, D.C. 20581 via email: submissions@cftc.gov

Re: Bloomberg SEF LLC – Rule Amendment – Amended Rulebook

Dear Sir or Madam:

Pursuant to Section 5c(c) of the Commodity Exchange Act (the "Act") and Section 40.6(a) of the regulations of the Commodity Futures Trading Commission (the "CFTC", or the "Commission"), on September 9, 2015 Bloomberg SEF LLC ("BSEF"), as operator of a swap execution facility, submitted to the Commission a Certification regarding amendments to BSEF's Rulebook (the "September 9 Rulebook Certification"). BSEF hereby notifies the Commission that it wishes to amend the September 9 Rulebook Certification to (i) update the effective date of the BSEF Rulebook from September 24, 2015 to September 25, 2015 and (ii) correct two errors in the BSEF Rulebook.

A concise explanation and analysis of the amendment to the Rulebook and its compliance with applicable provisions of the Act, including core principles and the Commission's regulations, is attached hereto as Exhibit A. A clean copy of the amended Rulebook is attached hereto as Exhibit B. Attached hereto as Exhibit C is a copy of the amended Rulebook marked to show changes against the version of the Rulebook submitted as part of the September 9 Rulebook Certification. In addition, attached hereto as Exhibit D is as copy of the amended Rulebook marked to show changes against the version effective as of August 13, 2015.

BSEF hereby certifies that: (i) the amended Rulebook complies with the Act and the Commission's regulations thereunder, and (ii) a notice and copy of this submission is being concurrently posted on BSEF's web site. There were no substantive opposing views to the amendments to the Rulebook.

Please contact the undersigned at (212) 617-8302 with any questions regarding this matter.

Very truly yours,

Gregory Dumark Chief Compliance Officer

Bloomberg SEF LLC 731 Lexington Avenue New York, NY 10022

Enclosures

Summary: BSEF wishes to amend the September 9 Rulebook Certification to (i) update the effective date of the BSEF Rulebook from September 24, 2015 to September 25, 2015 and (ii) correct two errors in the BSEF Rulebook. A clean copy of the amended Rulebook is attached hereto as Exhibit B. Attached hereto as Exhibit C is a copy of the amended Rulebook marked to show changes against the version of the Rulebook submitted as part of the September 9 Rulebook Certification. In addition, attached hereto as Exhibit D is as copy of the amended Rulebook marked to show changes against the version effective as of August 13, 2015.

Capitalized terms used but not defined herein have the meanings assigned to them in the Rulebook.

Amendment and Explanation	Reason and/or Supporting Rule or Core Principle
Cover Page	Correction of effective date
Updated BSEF Rulebook effective date from September 24, 2015 to September 25, 2015.	
Rule 516.B.(a)	Correction of error
Revised to (i) delete the "(1)" in Rule 516.B.(a)(B) and (ii) move Rule 516.B.(a)(B)(2) to Rule 516.B.(a)(C).	
Rule 616(d)	Correction of error
Revised to replace reference to "Hearing Panel" with reference to "Disciplinary Panel".	

<u>Exhibit B</u> Rulebook (clean)

[see attached]

BLOOMBERG SEF LLC RULEBOOK

SEPTEMBER 25, 2015

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Annex A ISDA Dodd Frank Act-Swap Transaction Reporting Party Requirements

CHAPTER 1. DEFINITIONS

When used in the Bloomberg BSEF Rules the following terms shall have the respective meanings as follows:

- "Account" means a Person (including a Prime Broker) that (i) granted in Writing (standalone or as part of a broader instrument) to an Account Manager investment or trading authority to send RFQs, place Orders and execute Trades on the SEF on behalf and in the name of such Person; and (ii) is a Counterparty to a Trade. The definition of "Account" shall not include any investor, shareholder or any other Person with beneficial ownership in the Account.
- "Account Manager" means a Person that acts as an agent and attorney-infact to buy or sell Swaps via the SEF operated by BSEF in the name and on behalf of another Person. An Account Manager may also be a Participant.
- "Act" or "CEA" means the Commodity Exchange Act, as amended from time to time.
- "Affected Person" means a SEF applicant whose admission application is declined or is conditioned or a Person whose status as a Participant is terminated as set forth in Rule 303(e).
- "Affiliate" means, with respect to any Person, any Person who, directly or indirectly, Controls, is Controlled by, or is under common Control with, such other Person.
- "Alleged Error Trade" has the meaning set forth in Rule 516.A(a).
- "Appeals Panel" means a panel appointed by the Chief Compliance Officer pursuant to Rule 620.
- "Applicable Law" means, with respect to any Person, any statute, law, regulation, rule or ordinance of any governmental or Self-Regulatory Organization applicable to such Person, including the CEA and CFTC Regulations.
- "Appropriate Minimum Block Size" means the minimum notional or principal amount for a category of Swap that qualifies as a Block Trade pursuant to CFTC Regulation 43.6.
- "Authorized Representative" means any Person who is authorized by a Participant to represent the Participant in SEF matters pursuant to Rule 307.

- "Authorized Trader" means any natural person who (i) has Trading Access to the SEF operated by BSEF using a Participant ID and (ii) is assigned a valid Trader ID.
- "Block Trade" means a single Swap transaction publicly reportable under Part 43 of the CFTC Regulations that:
 - (a) Involves a Swap that is listed on BSEF;
 - (b) Has a notional or principal amount at or above the Appropriate Minimum Block Size applicable to such Swap; and
 - (c) Is (i) executed in accordance with Rule 522.E; or (ii) reported to BSEF as provided in Rule 531.A.
- "Board" means the Board of Directors of BSEF constituted from time to time in accordance with the Operating Agreement.
- "BSEF" means Bloomberg SEF LLC, a Delaware limited liability company.
- "Bunched Orders" means a single Order placed by an Account Manager for two or more of its Accounts on the SEF operated by BSEF pursuant to Rule 528.
- "Business Day" means a day on which the SEF operated by BSEF is open for trading.
- "By-Laws" means, with respect to any Person that is not an individual, the By-Laws or Operating Agreement of such Person, and, if no other Person is specified, means the By-Laws or Operating Agreement of BSEF.
- "CFTC" or "Commission" means the Commodity Futures Trading Commission or any successor regulatory body.
- "CFTC Regulations" means the rules and regulations promulgated by the CFTC, as amended.
- "Chief Compliance Officer" means the individual appointed by the Board as BSEF's chief compliance officer in accordance with the Operating Agreement, with the duties and responsibilities as may be prescribed by the Board from time to time as set forth in Rule 208.
- "Claim" has the meaning set forth in Rule 902.
- "Cleared Swap" means a Swap that is subject to the mandatory clearing requirement of Section 2(h)(1)(A) of the CEA or any Swap that is

intended by a Participant to be submitted to a DCO for clearing contemporaneously with execution.

- "Clearing Exception" means an exception from the clearing requirement set forth in Section 2(h)(1) of the Act because one counterparty to the transaction is entitled to the exception from the clearing requirement set forth in Section 2(h)(7) of the Act, CFTC Regulations or CFTC Staff No-Action Letters.
- "Clearing Exception Form" has the meaning set forth in Rule 411.
- "Clearing Exempt Transaction" means a Trade exempt from the clearing requirement of Section 2(h)(1) of the Act because one Counterparty to the Trade is entitled to and has elected to use a Clearing Exception.
- "Clearing House" means such Derivatives Clearing Organization(s) or non-U.S. central clearing counterparty(ies) recognized or approved by the CFTC that provide clearing services with respect to any or all of Swaps traded on the SEF operated by BSEF.
- "Clearing House Rules" means the Certificate of Incorporation, the By-Laws and any rule, interpretation, stated policy, or instrument corresponding to any of the foregoing, in each case as adopted or amended from time to time by the Clearing House relating to any or all of the Swaps.
- "Clearing Member" means a member of a Clearing House that is authorized to clear trades in any or all Swaps for a Participant or its Accounts or Customers. Each Clearing Member must sign documentation required by BSEF.
- "Client" means an Account.
- "CLOB" means an Order Book that will match Orders pursuant to pre-determined, non-discretionary methods. The CLOB supports the following order types:
 - (a) Market Order (Fill_Or_Kill; Immediate_or_Cancel)
 - (b) Limit Order (Fill Or Kill; Immediate Or Cancel; Good Til Date/Time)
- "Complex Permitted Transaction" has the meaning set forth in Rule 531.B.
- "Compliance Department" means all SEF Officials and/or agents of BSEF (including the Regulatory Services Provider) that assist BSEF with

the implementation, surveillance and enforcement of the BSEF Rules and other Obligations.

- "Confirmation" has the meaning set forth in Rule 523(a).
- "Control" means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of securities, by Swap, or otherwise. The terms "controlling" or "controlled" shall have meanings correlative to the foregoing.
- "Counterparty" means a Participant or a Participant's Account or Customer whose Legal Entity Identifier is reported by BSEF to an SDR as a counterparty to a Trade.
- "Covered Package Transaction" means a Package Transaction that has at least one or more of the following components:
 - a. a new issue bond (until February 12, 2016)
 - b. a future (until November 14, 2015)
 - c. an uncleared swap (as defined in Section 1a(47) of the CEA) (until February 12, 2016)
 - d. a non-swap (as defined in Section 1a(47) of the CEA) instrument other than an instrument listed in subsections a or b above or a Treasury bond (until February 12, 2016); or
 - e. a security-based swap (as defined in Section 1a(42) of the CEA) or a mixed swap (as defined in Section 1a(47)(D) of the CEA) (until February 12, 2016).
- "CTI" has the meaning set forth in Rule 524.B.
- "Customer" means any Person who uses an FCM or Introducing Broker as agent in connection with trading in any Swap on the SEF operated by BSEF. The term "Customer" shall include a DMA Customer.
- "Customer Account" means an account carried by a Participant on behalf of a Customer.
- "Daily Settlement Price" means the settlement price for a Swap calculated each Business Day by or on behalf of BSEF. The Daily Settlement Price can be expressed in currency, spread, yield or any other appropriate measure commonly used in swap markets.

- "**DCM**" means a contract market or designated contract market as defined in CFTC Regulation 1.3(h).
- "Derivatives Clearing Organization" or "DCO" has the meaning attributed to such term by Section 1a(9) of the CEA.
- "Direct Market Access" or "DMA" means an arrangement among a Sponsoring Broker, its Customer and BSEF that allows one or more representatives of that Customer to have Trading Access using the Participant ID of the Sponsoring Broker.
- "Director" means a member of the Board.
- "Disciplinary Panel" means the panel appointed pursuant to Rule 613(b) to conduct hearings in connection with disciplinary proceedings (other than summary impositions of fines pursuant to Rule 601(b)), to make findings, render decisions, and impose sanctions pursuant to Chapter 6 of the Rules. The Disciplinary Panel must meet the composition requirements set forth in Part 40 of the CFTC Regulations and the composition requirements set forth in Rule 613(b).
- "Disclosed Order Book" means a screen on the SEF Platform where Participants have the ability to enter multiple bids and offers, observe or receive bids and offers entered by other market participants, and transact on such bids and offers.
- "**Dispute**" has the meaning set forth in Rule 701.
- "DMA Customer" means a Customer of a Sponsoring Broker where representatives of the Customer that are natural persons are designated by the Sponsoring Broker to have Trading Access to the SEF Platform using the Participant ID of the Sponsoring Broker and where such Customer signs the DMA Customer Documentation.
- "DMA Customer Documentation" means the agreements (together with any applicable schedules, exhibits or appendices thereto required by BSEF) in form and substance acceptable to BSEF, that are required to be executed and delivered to BSEF before a DMA Customer may access the SEF Platform.
- "**DMA Order**" means an Order or RFQ placed by a DMA Customer using the Participant ID of the Sponsoring Broker.
- "ECP" means an eligible contract participant as defined in Section 1a(18) of the CEA.
- "Eligibility Criteria" means the criteria set forth in Rule 301(a).

"Emergency" means any occurrence or circumstance that, in the opinion of the Board, or a Person or Persons duly authorized to issue such an opinion on behalf of the Board under circumstances and pursuant to procedures that are specified, requires immediate action and threatens or may threaten such things as the fair and orderly trading in, or the liquidation of or delivery pursuant to, any agreements, contracts, swaps or transactions or the timely collection and payment of funds in connection with clearing and settlement by a derivatives clearing organization, including: (a) any manipulative or attempted manipulative activity; (b) any actual, attempted or threatened corner, squeeze, congestion or undue concentration of positions; (c) any circumstances which may materially affect the performance of agreements, contracts, swaps or transactions, including failure of the payment system or the bankruptcy or insolvency of any participant; (d) any action taken by any governmental body, or any other registered entity, board of trade, market or facility which may have a direct impact on trading or clearing and settlement; (e) at the request of the CFTC; and (f) any other circumstance which may have a severe, adverse effect upon the functioning of BSEF.

"Emergency Rules" has the meaning set forth in Rule 212(a).

"End of Trading" means such time as BSEF may from time to time prescribe. The End of Trading is the time as of which such actions as are specified in the BSEF Rules or the relevant Swap Specifications as taking place at the end of a Business Day, such as determination Daily Settlement Prices, will occur.

"Error Trade" has the meaning set forth in Rule 516.A(b).

"Fill-Or-Kill" means that the Order must be immediately filled completely or canceled.

"Financial Entity" has the meaning set forth in CEA Section 2(h)(7)(C).

"Futures Commission Merchant" or "FCM" has the meaning set forth in Section 1a(28) of the CEA.

"Good-til-Date/Time" means that the Order has an expiration time and date.

"Governmental Body" means (a) any U.S. or non-U.S. federal, national, state or local court or (b) any U.S. or non-U.S. federal, national, state or local entity that is (i) a governmental authority, (ii) a regulatory body or (iii) a self-regulatory body.

- "Immediate-Or-Cancel" means that the Order may be filled partially, but the Order must be actioned immediately, or else canceled. Any remaining portion will be canceled.
- "Interested Person" has the meaning attributed to such term in Rule 210(a).
- "**Introducing Broker**" has the meaning set forth in CFTC Regulation 1.3(mm).
- "ISDA" means the International Swaps and Derivatives Association, Inc.
- "ISV" means an independent software vendor.
- "**Legal Entity Identifier**" has the meaning set forth in Part 45 of the CFTC Regulations.
- "Local Law" has the meaning attributed to such term in Rule 810(a).
- "Major Swap Participant" has the meaning set forth in Section 1a(33) of the CEA.
- "Manual Order Ticket" means a function provided by BSEF that allows a Participant to send a firm offer to enter into a Permitted Transaction to another Participant.
- "MAT Recipient Participant" shall have the meaning set forth in Rule 522.A(b).
- "NFA" means the National Futures Association.
- "No-Bust Range" shall have the meaning set forth in Rule 535(c).
- "Non-Cleared Swap" means a Swap that is not a Cleared Swap.
- "Non-Cleared Swap Agreement" means an agreement that governs the performance and settlement of a Non-Cleared Swap including any applicable credit support and default provisions.
- "Notice of Charges" means a notice sent by the Compliance Department pursuant to Rule 607.
- "Notice to Participants" means a communication sent by or on behalf of BSEF to all Participants as described in Rule 310.
- "Obligation" means each BSEF Rule, order or procedure issued by BSEF, including Notice to Participants, and other requirement implemented by BSEF under the BSEF Rules.

- "Officer" has the meaning attributed to such term in Rule 208.
- "Operating Agreement" means the operating agreement of BSEF.
- "Order" means (i) a response to a Request For Quote, (ii) a response to a Resting Quote, (iii) the display of a quote on an Order Book or (iv) a firm offer to enter into a Swap.
- "Order Book" means the trading system or platform operated by BSEF in which all market participants in the trading system or platform have the ability to enter multiple bids and offers, observe or receive bids and offers entered by other market participants, and transact on such bids and offers. A Participant must indicate if a bid or offer posted on an Order Book is firm or indicative.
- "Package Transaction" means a transaction involving two or more instruments:
 - (2) that is executed between two or more Counterparties;
 - (3) that is priced or quoted as one economic transaction with simultaneous or near simultaneous execution of all components;
 - (4) that has at least one component that is a Required Transaction; and
 - (5) where the execution of each component is contingent upon the execution of all other components.
- "Participant" means any Person that has signed the Participant Documentation and has been granted, and continues to have, Trading Privileges under the BSEF Rules. Subject to Applicable Law, a Participant may trade for its own proprietary account or for or on behalf of a Customer or Account. An ISV cannot be a Participant.
- "Participant Documentation" means the agreements (together with any applicable schedules, exhibits or appendices thereto required by BSEF) in form and substance acceptable to BSEF, that are required to be executed and delivered to BSEF before a Person may access the SEF operated by BSEF as a Participant.
- "Participant ID" means each unique identifier assigned to a Participant by BSEF for access to the SEF operated by BSEF.
- "Permitted Transaction" means any transaction involving (i) a Swap that is not a Required Transaction or (ii) a Required Transaction that is a component of a Covered Package Transaction.
- "**Person**" means a natural person or an entity.

- "Pre-Execution Communication" means a communication between two Persons for the purpose of discerning interest in the execution of a Swap prior to execution of the Swap on the SEF operated by BSEF, including any communication that involves discussion of the size, side of market, or price of an Order or a potentially forthcoming Order; provided that any communication between two Persons that involves an agreement between the parties to a Swap that legally binds the parties to such Swap shall not be considered a Pre-Execution Communication.
- "**President**" means the individual appointed by the Board as BSEF's chief executive officer in accordance with the Operating Agreement, with the duties and responsibilities as may be prescribed by the Board from time to time as set forth in Rule 208.
- "**Prime Broker**" means a Person that provides prime brokerage services and that has authorized a Participant to send RFQs, place Orders or enter into Trades in the name and on behalf of such Person.
- "**Prime Broker Trade**" means a Trade in a Non-Cleared Swap where one Counterparty is a Prime Broker and the other is a Participant with which the Prime Broker has a Non-Cleared Swap Agreement. Only a Permitted Transaction can be a Prime Broker Trade.
- "**Proprietary Account**" has the meaning set forth in CFTC Regulation 1.3(y).
- "**Public Director**" means a Person that meets the qualifications described in Rule 207(e).
- "Qualified Account Manager" means any Person with more than \$25,000,000 in total assets under management that is either: (A) a commodity trading advisor registered pursuant to Section 4n of the Act, or exempt from registration under the Act, or a principal thereof, who has discretionary trading authority or directs client accounts; (B) an investment adviser who has discretionary trading authority or directs client accounts and satisfies the criteria of § 4.7(a)(2)(v) of Part 43 of the CFTC Regulations; or (C) a foreign person who performs a similar role or function as the persons described in paragraphs (h)(6)(i)(A) or (h)(6)(i)(B) of CFTC Regulation 43.6 and is subject as such to foreign regulation.
- "Regulatory Oversight Committee" means the committee of the Board constituted in accordance with Rule 204.
- "Regulatory Services Agreement" means the agreement between BSEF and the Regulatory Services Provider whereby the Regulatory Services Provider provides market surveillance and trade practice surveillance functions as well as other compliance related services to the SEF operated by BSEF.

- "Regulatory Services Provider" means the organization which provides regulatory services to BSEF pursuant to a Regulatory Services Agreement.
- "Reporting Counterparty" has the meaning set forth in Part 45 of the CFTC Regulations.
- "Reserve Price" means an Order that will be automatically sent to the recipient Participant that responds with a price that is at or better than the price designated in advance by the Requesting Participant. This order type is available for interest rate swaps.
- "Request for Quote" or "RFQ" means an electronic message disseminated on the SEF Platform for the purposes of soliciting bids or offers for a specific Swap.
- "Request for Quote Functionality" means a functionality of the SEF Platform that allows a Requesting Participant to send an RFQ to buy or sell a Swap to any Participant, to which all such Participants may respond with a firm or indicative quote. An RFQ can be sent as a request for quote or as a request for streaming quote. All RFQs and responses to RFQs will disclose the name of the Person with which the Authorized Trader who placed an Order or sent an RFQ is associated in BSEF records. The Requesting Participant may accept a firm response to a request for quote from a recipient Participant. For requests for non-streaming quotes, the Requesting Participant's Order may be filled at the price the Requesting Participant accepted or at the subsequent price from the same recipient Participant compared to responses to such request for quote from other recipient Participants received by the Requesting Participant during the same request for quote session.

The Reserve Price order type is available for Request for Quote Functionality for requests for non-streaming quotes.

- "Requesting Participant" means a Participant initiating an RFQ.
- "Required Transaction" means any transaction involving a Swap that is subject to the trade execution requirement of Section 2(h)(8) of the Act.
- "**Resting Quote**" means any firm or indicative bid or offer displayed on an Order Book.
- "Rules" means, with respect to any Person, the rules of such Person and the interpretations, resolutions, orders, directives and procedures of the Person thereunder as in effect from time to time, and if no other Person is specified, means the Rules of the SEF operated by BSEF and the

interpretations, resolutions, orders and directives and procedures of the SEF operated by BSEF thereunder as in effect from time to time.

"SDR" means a swap data repository, as defined in Section 1a(48) of the CEA.

"SEC" means the U.S. Securities and Exchange Commission.

"SEF" means a swap execution facility as defined in Section 1a(50) of the CEA.

"SEF Action" and "SEF Actions" have the meanings attributed to such terms in Rule 210(a).

"SEF Data" has meaning set forth in Rule 803(a).

"SEF Activity" means business for which a Participant is subject to the BSEF Rules, which is purportedly conducted subject to the BSEF Rules, or which should have been conducted subject to the BSEF Rules including Permitted Transactions and Block Trades.

"SEF Official" means any Director or Officer of, or individual employed directly by, BSEF, the Regulatory Services Provider or any individual rendering similar services to BSEF under an administrative or similar agreement.

"SEF Platform" means the electronic trading system of the SEF established and operated by BSEF, or any successor thereto, that is made available by BSEF to Participants for trading in Swaps.

"SEF Proceeding" has the meaning attributed to such term in Rule 210(a).

"Self-Regulatory Organization" or "SRO" shall, unless otherwise provided, have the meaning attributed to such term in CFTC Regulation 1.33(ee) and, in addition, shall include a Derivatives Clearing Organization, and a registered futures association. BSEF is a self-regulatory organization.

"Sponsoring Broker" means a Participant that allows its designated Customers to access the SEF Platform using the Participant ID of the Participant and (i) with respect to Cleared Swaps, is a Clearing Member; and (ii) with respect to Non-Cleared Swaps, is (x) an FCM or Introducing Broker; or (y) non-U.S. Person acting in a similar capacity that is not required to register as an FCM or Introducing Broker under the Act and that is appropriately licensed in a jurisdiction where its DMA Customer is located.

- "Supervised Persons" means any directors, officers, employees or agents of any Participant.
- "Swap" means any agreement, contract or transaction that is a swap as defined in Section 1a(47) of the CEA and as further defined by the CFTC, which is listed on the SEF operated by BSEF in accordance with CFTC Regulation 37.4.
- "Swap Dealer" has the meaning set form in Section 1a(49) of the CEA.
- "Swap Specification" means, with respect to any Swap, the Rules or other trading protocols containing specifications for such Swap, as adopted, amended, supplemented or otherwise modified from time to time by BSEF.
- "Terms Incorporated by Reference" has the meaning set forth in Rule 523(c).
- "**Trade**" means any purchase or sale of any Swap made on the SEF Platform or subject to BSEF Rules.
- "Trade Communication" has meaning set forth in Rule 523(c).
- "**Trader ID**" means a unique identifier issued to each Authorized Trader which enables BSEF to identify the individual entering RFQs or Orders into the SEF operated by BSEF.
- "Trading Access" means the right granted to an Authorized Trader to send RFQs or place Orders and/or enter into transactions for certain or all Swaps to the SEF Platform or execute Swaps subject to the BSEF Rules.
- "Trading Account" means, with respect to each Participant, Account or Customer, each account established and maintained by such Participant at BSEF through which the Participant will trade Swaps and through which BSEF will monitor the open Swap positions and closed Swap positions of such Participants, Accounts or Customers.
- "**Trading Hours**" means, for any Business Day, the hours as may be published by BSEF in a Notice to Participants from time to time.
- "Trading Privileges" means the right granted to a Participant to use, directly or indirectly, the SEF operated by BSEF for execution of Swaps. No Person may exercise Trading Privileges on behalf of a Participant during any suspension of such Participant's Trading Privileges.
- "Written" or "Writing" means printing, lithography, photography, and other modes of representing or reproducing words or data in a visible form, including electronic transmissions.

* * * * * *

The following rules of construction shall apply to the BSEF Rules:

- (i) the headings in the BSEF Rules are for convenience only and do not affect the construction of the BSEF Rules;
- (ii) all references to time in the BSEF Rules are to local time in New York, New York, except where expressly provided otherwise;
- (iii) in the BSEF Rules, words denoting a singular number include the plural number where the context permits and vice versa;
- (iv) where the context permits or requires, any pronoun shall include the corresponding masculine, feminine and neuter forms;
- (v) forms of the word "include" mean that the inclusion is not limited to the items listed;
- (vi) "or" is disjunctive but not exclusive;
- (vii) references in the BSEF Rules to statutory provisions include those provisions as amended, and any rules or regulations promulgated thereunder.

CHAPTER 2. SEF GOVERNANCE

RULE 201. Board

- (a) The Board shall manage the business and affairs of BSEF in accordance with the Operating Agreement. At all times the Board must be composed of at least 35%, but no less than two, Public Directors. The Board has the power and authority to call for review, and to affirm, modify, suspend or overrule, any and all decisions and actions of standing committees or special committees of the Board or any panel of the Officers.
- (b) The Board may act (including to appoint Public Directors, to the extent provided in the Operating Agreement) only by the decision of an absolute majority in number of the members of the Board, either by vote at a meeting or by Written consent without a meeting.
- (c) Each Director (including Public Directors) shall be appointed in accordance with the Operating Agreement and the procedures included therein and shall serve until his or her successor is duly appointed, or until his or her earlier resignation or removal, with or without cause.
- (d) The members of the Board, including Public Directors, shall be of sufficiently good repute and, where applicable, have sufficient expertise in financial services.
- (e) The percentage of Public Directors required to serve on the Board or any committee thereof pursuant to this Chapter 2 shall be deemed to be modified to comply with the CEA and CFTC Regulations, in each case, as in effect from time to time.

(f) Without limitation of any other provisions of this Rule 201, the provisions of Article III of the Operating Agreement shall be deemed to be part of the BSEF Rules, and shall be deemed to be incorporated herein, to the same extent and with the same force and effect as if set forth herein in their entirety.

RULE 202. [Reserved]

RULE 203. [Reserved]

RULE 204. Regulatory Oversight Committee

- (a) The Regulatory Oversight Committee of the Board shall consist only of Public Directors, appointed by the Board. Each member of the Regulatory Oversight Committee shall serve until the due appointment of his or her successor, or until his or her earlier resignation or removal, with or without cause, as a member of the Regulatory Oversight Committee or as a Director. A member of the Regulatory Oversight Committee may serve for multiple terms. The Regulatory Oversight Committee shall report to the Board.
- (b) The Regulatory Oversight Committee shall oversee BSEF's regulatory program on behalf of the Board. It shall make such recommendations to the Board as will, in its judgment, best promote the interests of the SEF operated by BSEF. The Regulatory Oversight Committee shall also have such other powers and perform such other duties as set forth in the BSEF Rules, the Operating Agreement and as the Board may delegate to it from time to time.
- (c) Without limiting the generality of the foregoing, the Regulatory Oversight Committee shall have authority to:
 - (i) Monitor the compliance program of the SEF operated by BSEF for sufficiency and effectiveness;
 - (ii) Oversee all facets of the compliance program, including trade practice and market surveillance, audits, examinations conducted by the Regulatory Services Provider and other regulatory responsibilities with respect to Participants, Customers and Accounts (including ensuring compliance with any financial integrity, financial reporting, sales practice, recordkeeping and other requirements), and overseeing the conduct of investigations by the Regulatory Services Provider;
 - (iii) Review the size and allocation of the regulatory budget and resources and the number, hiring and termination, and compensation of compliance personnel;
 - (iv) Assist BSEF in minimizing actual and potential conflicts of interest;
 - (v) Recommend changes that would ensure fair, vigorous, and effective compliance; and
 - (vi) Review compliance proposals and advise the Board as to whether and how such changes may impact compliance.

(d) The Regulatory Oversight Committee shall oversee the regulatory program of the SEF operated by BSEF on behalf of the Board. The Board shall delegate sufficient authority, dedicate sufficient resources, and allow sufficient time for the Regulatory Oversight Committee to fulfill its mandate.

RULE 205. Additional Committees and Panels

- (a) The Board may create such additional standing committees of the Board as it may from time to time deem necessary or advisable.
- (b) In addition to the standing committees, the Board may from time to time constitute and appoint, by Rule or resolution, special committees of the Board and designate their composition, responsibilities and powers.
- (c) BSEF may create additional committees of BSEF, or panels, for such purposes as may from time to time be necessary or advisable. Members of each such committee may be members of the Board, Supervised Persons of Participants or such other individuals as may be qualified to serve on such committee.

RULE 206. Power of the Board to Review Decisions

The Board has the power and authority to call for review, and to affirm, modify, suspend or overrule, any and all decisions and actions of standing committees or special committees of the Board.

RULE 207. Eligibility

- (a) A Director must meet the qualifications set forth from time to time in the Operating Agreement.
- (b) An individual may not serve as a Director or serve on a committee established by the Board, a Disciplinary Panel or an Appeals Panel if the individual:
 - (i) within the prior three (3) years has been found, by a final decision in any action or proceeding brought in a court of competent jurisdiction, the CFTC or any Self-Regulatory Organization, to have committed a disciplinary offense;
 - (ii) within the prior three (3) years has entered into a settlement agreement in which any of the findings or, in the absence of such findings, any of the acts charged, included a disciplinary offense;
 - (iii) has been suspended or expelled from membership in a Self-Regulatory Organization, is serving any sentence or probation, or owes any portion of a fine or penalty related to either;
 - 1. a finding of a disciplinary offense by a final decision in any action or proceeding brought in a court of competent jurisdiction, the CFTC, or any Self-Regulatory Organization; or

- 2. a settlement agreement in which any of the findings or, in the absence of such findings, any of the acts charged included a disciplinary offense.
- (iv) is currently subject to an agreement with the CFTC or Self-Regulatory Organization not to apply for registration with the CFTC or for membership in the Self-Regulatory Organization;
- (v) is currently, or within the past three (3) years has been, subject to a revocation or suspension of registration by the CFTC;
- (vi) has been convicted of a felony listed in Section 8a(2)(D)(ii) through (iv) of the CEA; or
- (vii) is currently subject to a denial, suspension or disqualification from serving on a disciplinary committee, arbitration or appeals panel or governing board of any self-regulatory organization, as that term is defined in CFTC Regulations § 1.63(a).
- (c) Any Director, member of a committee established by the Board or any member of a Disciplinary Panel, an Appeals Panel, any individual nominated to serve in any such role, or any individual authorized by the Regulatory Oversight Committee to take summary action shall immediately notify the President if such individual meets one or more of the criteria in Rule 207(b).
- (d) For purposes of this Rule, the terms "disciplinary offense," "final decision," and "settlement agreement" have the meanings set forth in CFTC Regulation 1.63(a).
- (e) To qualify as a Public Director, a Director must be found, by the Board on the record, to have no material relationship with BSEF or any of its Affiliates. A "material relationship" is one that reasonably could affect the independent judgment or decision making of such individual as a Public Director. In addition, an individual shall not be considered a "Public Director" if any of the following circumstances exist:
 - (i) such Director is an Officer or an employee of BSEF, or an officer or an employee of an Affiliate of BSEF;
 - (ii) such Director is a Participant, or a director, an officer or an employee of a Participant; or
 - (iii) such Director, or an entity with which the Director is a partner, an officer, or a director, receives more than \$100,000 in combined annual payments for legal, accounting, or consulting services from BSEF or any Affiliate of BSEF. Compensation for services as a director of BSEF or as a director of an Affiliate of BSEF does not count toward the \$100,000 payment limit, nor does deferred compensation for services rendered prior to becoming a Director of BSEF, so long as such compensation is in no way contingent, conditioned or revocable.
- (f) Any of the relationships set forth in sub-paragraphs (e)(i) through (iii) of this Rule apply to the "immediate family" of such Director, i.e., spouse, parents, children and siblings.

(g) A Public Director may also serve as a director of an Affiliate of BSEF if he or she otherwise meets the requirements in paragraphs (e) and (f) of this Rule.

RULE 208. Officers

The Board shall appoint a President, a Chief Compliance Officer, one or more vice presidents, a secretary, a treasurer, and such other officers of BSEF (all of the foregoing, collectively, the "Officers") as it may deem necessary or appropriate from time to time, in accordance with the Operating Agreement. The Officers shall have such powers and duties in the management of BSEF as the Board may prescribe from time to time in accordance with the Operating Agreement. Each Director and Officer is entitled to indemnification pursuant to the Operating Agreement with respect to matters relating to BSEF.

RULE 209. Chief Compliance Officer

- (a) The Board shall appoint and approve the Chief Compliance Officer. The Board shall approve the compensation of the Chief Compliance Officer. Removal of the Chief Compliance Officer shall require the approval of a majority of the Board. BSEF shall notify the CFTC of the removal of the Chief Compliance Officer and the appointment of any new Chief Compliance Officer, whether interim or permanent, within two Business Days of such appointment.
- (b) The individual designated to serve as Chief Compliance Officer shall have the background and skills appropriate for fulfilling the responsibilities of the position. No individual disqualified from registration pursuant to Sections 8a(2) or 8a(3) of the CEA may serve as a Chief Compliance Officer. The Chief Compliance Officer may not be a member of BSEF's legal department and may not serve as its general counsel.
- (c) The Chief Compliance Officer shall report directly to the Board. The Chief Compliance Officer shall meet with the Board at least annually. The Chief Compliance Officer shall also meet with the Regulatory Oversight Committee at least quarterly. Each such meeting may occur in person or by means of conference telephone. The Chief Compliance Officer shall provide any information regarding the regulatory program of the SEF operated by BSEF that is requested by the Board or the Regulatory Oversight Committee.
- (d) The position of Chief Compliance Officer shall carry with it the authority and resources to develop and enforce policies and procedures necessary to fulfill the duties set forth for chief compliance officers in the Act and the CFTC Regulations. The Chief Compliance Officer shall have supervisory authority over all staff acting in furtherance of the Chief Compliance Officer's obligations.
- (e) The Chief Compliance Officer's duties shall include, but are not limited to, the following:
 - (i) Overseeing and reviewing the compliance of the SEF operated by BSEF with Section 5h of the Act and any CFTC Regulations;

- (ii) In consultation with the Board or the senior Officer of BSEF, resolving any conflicts of interest that may arise, including: (1) conflicts between business considerations and compliance requirements; (2) conflicts between business considerations and the requirement that the SEF operated by BSEF provide fair, open, and impartial access as set forth in CFTC Regulation 37.202; and (3) conflicts between BSEF's management and members of the Board;
- (iii) Establishing and administering Written policies and procedures reasonably designed to prevent violation of the Act and any Rules adopted by the Commission;
- (iv) Taking reasonable steps to ensure compliance with the Act and CFTC Regulations relating to agreements, contracts, or transactions, and with CFTC Regulations under Section 5h of the CEA;
- (v) Establishing procedures for the remediation of noncompliance issues identified by the Chief Compliance Officer through a compliance office review, lookback, internal or external audit finding, self-reported error, or validated complaint;
- (vi) Establishing and following appropriate procedures for the handling, management response, remediation, retesting, and closing of noncompliance issues;
- (vii) Establishing and administering a compliance manual designed to promote compliance with the applicable laws, Rules, and regulations and administering a Written code of ethics designed to prevent ethical violations and to promote honesty and ethical conduct;
- (viii) Supervising the SEF's compliance program with respect to trade practice surveillance; market surveillance; real-time market monitoring; compliance with audit trail requirements; enforcement, disciplinary and appeals proceedings; audits, examinations conducted by the Regulatory Services Provider, and other regulatory responsibilities with respect to Participants, Accounts and Customers (including ensuring compliance with, if applicable, financial integrity, financial reporting, sales practice, recordkeeping, and other requirements);
- (ix) Supervising the effectiveness and sufficiency of any regulatory services provided to BSEF by the Regulatory Services Provider; and
 - (x) Preparing and filing the annual compliance report of BSEF.

RULE 210. Conflicts of Interest

(a) A Director, Officer, panel member or other Person authorized to exercise BSEF's authority concerning any inquiry, investigation or any disciplinary or appeals proceeding, summary suspension, or other summary actions (any such action, a "SEF Action" and, collectively, "SEF Actions"), or Emergency actions taken pursuant to Rule 212 (each such SEF Action or Emergency Action, a "SEF Proceeding") who knowingly has a "material conflict of interest" between his or her position as a Director, Officer, panel member or exercise of authority

concerning any SEF Proceeding and his or her personal interests (each, an "**Interested Person**") may not participate in any deliberations or vote of the Board committee, panel or exercise any authority in any SEF Proceeding involving his or her personal interest, except as described in Rule 210(d).

- (b) For purposes of Rule 210(a), a "material conflict of interest" includes a Director's, Officer's, or other Person's:
 - (i) being named as a respondent or potential respondent in a SEF Proceeding;
 - (ii) being an employer, employee, fellow employee or an Affiliate of a respondent or potential respondent in a SEF Proceeding;
 - (iii) having any significant, ongoing business relationship with a respondent or potential respondent in a SEF Proceeding;
 - (iv) having a family relationship with a respondent or potential respondent in a SEF Proceeding (including the individual's spouse, co-habitator, former spouse, parent, step-parent, child, step-child, sibling, step-brother, step-sister, grandparent, grandchild, uncle, aunt, nephew, niece, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law or sister-in-law); and/or
 - (v) having a direct and substantial financial interest in the result of the deliberations or vote based upon either SEF or non-SEF positions. A direct and substantial financial interest includes positions held in Swaps in the accounts of, Controlled by, or affiliated with the Interested Person or any other types of direct and substantial financial positions of the Interested Person that are reasonably expected to be affected by the deliberations or vote.
- (c) Before considering any SEF Proceeding, an Interested Person must disclose in Writing to the Board the material facts concerning his or her relationship or interest in the matter.
- (d) Any Interested Person who would be required otherwise to abstain from deliberations and voting pursuant to Rule 210(a) as a result of having a direct and substantial financial interest in the result of the deliberations and vote may participate in deliberations, prior to a vote on the matter, if:
 - (i) the material facts about the Interested Person's financial interest in the matter are disclosed or known to the Board;
 - (ii) the Board determines that the participation by the Interested Person would be consistent with the public interest; and
 - (iii) a majority of the Directors (excluding any Interested Persons) vote to allow the Interested Person to participate in deliberations on the matter.

- (e) If a determination is made pursuant to Rule 210(d) that an Interested Person may participate in deliberations prior to a vote, then the minutes of the meeting of the Board or committee thereof will reflect the determination and the reasons for the determination.
- (f) If a determination is made pursuant to Rule 210(a) that all Directors are Interested Persons with respect to a matter subject to a vote by the Board, the President will appoint a panel of individuals who are not Interested Persons with respect to such matter, which will have the same authority and powers over such matter that the Board would have if the Directors were not Interested Persons with respect to such matter.
- (g) No Director, Officer or member of any committee or panel established by the Board shall use or disclose for any purpose other than the performance of his or her official duties and responsibilities as a Director, Officer or committee or panel member any material, non-public information obtained as a result of the individual's duties and responsibilities as a Director, Officer or committee or panel member. No Director, Officer or committee or panel member shall, directly or indirectly, disclose or use at any time, either during his or her association with BSEF or thereafter, any confidential information of which the Board member or committee or panel member becomes aware. Each Director, Officer or committee or panel member in possession of confidential information shall take all appropriate steps to safeguard the information and to protect it against disclosure, misuse, espionage, loss and theft.
- (h) Notwithstanding Rule 210(g), a Director, Officer or committee or panel member may disclose confidential information if required by Applicable Law or a court order to be revealed to the United States Department of Justice or the CFTC.
- (i) For the purposes of Rule 210(g), the term "material, non-public information" shall mean "material information" that is "nonpublic information," as such terms are defined in CFTC Regulation 1.59(a).

RULE 211. Restrictions on Certain Persons who Possess Material, Non-Public Information: Improper Use or Disclosure of Material Non-Public Information

No member of the Board or of any Board committee, no member of any other committee of BSEF, no Officer of BSEF, no employee of BSEF and no consultant to BSEF shall:

- (a) trade for such Person's own account, or for or on behalf of any other account, in any commodity interest on the basis of any material, non-public information obtained through the performance of such Person's official duties;
- (b) use or disclose, for any purpose other than the performance of such Person's official duties, any material, non-public information obtained by such Person as a result of such Person's official duties, <u>provided</u>, <u>however</u>, that this Section shall not prohibit disclosures made by such Person in the course of his or her official duties or disclosures made to the CFTC, any Self-Regulatory Organization, a court of competent jurisdiction or any agency or department of the federal or state government; or

(c) trade, directly or indirectly, in any Swap traded on the SEF operated by BSEF; in any related commodity interest; or in any commodity interest traded on any DCM or SEF or cleared by any Clearing House if such Person has access to material non-public information concerning such Swap or commodity interest.

RULE 212. Emergency Rules

- (a) In the event of an Emergency, BSEF may implement temporary emergency procedures and rules ("Emergency Rules"), subject to the applicable provisions of the CEA and CFTC Regulations. Implementation of Emergency Rules shall be done in consultation with the CFTC. Emergency Rules may require or authorize BSEF, the Board, any committee of the Board, the President, or any other Officer to take actions necessary or appropriate to respond to the Emergency, including the following actions:
 - (i) suspending or curtailing trading or limiting trading to liquidation only (in whole or in part);
 - (ii) extending or shortening the last trading date for Swaps;
 - (iii) ordering the fixing of a settlement price;
 - (iv) ordering the liquidation or transfer of an open position in any Swap, or the reduction of positions;
 - (v) extending, limiting or changing the Trading Hours;
 - (vi) imposing or modifying intraday market restrictions;
 - (vii) transferring customer contracts and the margin in an emergency;
 - (viii) imposing special margin requirements;
 - (ix) extending or shortening the expiration date of a Swap;
 - (x) altering any Swap's settlement terms and conditions;
 - (xi) imposing or modifying price limits;
 - (xii) imposing, modifying or reducing position limits; and/or
 - (xiii) temporarily modifying or suspending any provision of the BSEF Rules or Obligations.
- (b) Before any Emergency Rule may be adopted and enforced, a required vote of the Board must approve the implementation of such Emergency Rule at a duly convened meeting requested by the President or any other Officer. Directors may attend such a meeting by teleconference. Each Director participating in such meeting shall be subject to Rule 210. If the President determines that Emergency Rules must be implemented with respect to an Emergency

before a meeting of the Board can reasonably be convened, then the President shall have the authority, without Board action, to implement any Emergency Rules with respect to such Emergency that he or she deems necessary or appropriate to respond to such Emergency.

- (c) Whenever BSEF, the Board, any committee of the Board, or the President takes actions necessary or appropriate to respond to an Emergency (including the actions set forth in paragraph (a) above), an Authorized Representative of BSEF will post a Notice to Participants regarding such Emergency, as soon as practicable. When the Board, any committee of the Board or the President determines that the Emergency is no longer in effect, permitting the SEF operated by BSEF to resume normal functioning; any such actions responding to an Emergency will be terminated.
- (d) BSEF will use reasonable efforts to notify the CFTC prior to implementing, modifying or terminating an Emergency Rule. If such prior notification is not possible or practicable, BSEF will notify the CFTC as soon as possible or reasonably practicable, but in all circumstances within twenty-four (24) hours of the implementation, modification or termination of such Emergency Rule.
- (e) Upon taking any action in response to an Emergency, BSEF will document the decision-making process related to such action. Such documentation will be kept for at least five years following the date on which the Emergency ceases to exist or to affect the SEF operated by BSEF, and all such documentation will be provided to the CFTC upon request.

RULE 213. Information-Sharing Agreements

- (a) BSEF shall enter into information-sharing agreements or other arrangements or procedures necessary to allow BSEF to obtain any necessary information to perform any monitoring of trading and Trade processing, provide information to other markets, the CFTC or any other Governmental Body with jurisdiction over BSEF upon request and which allow BSEF to carry out such international information-sharing agreements as the CFTC may require. As part of any information-sharing agreements or other arrangements or procedures adopted pursuant to this Rule, BSEF may:
 - (i) provide market surveillance reports to the CFTC, any Governmental Body with jurisdiction over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets:
 - (ii) share information and documents concerning current and former Participants to the CFTC, any Governmental Body with jurisdiction over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets;
 - (iii) share information and documents concerning ongoing and completed investigations to the CFTC, any Governmental Body with jurisdiction over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets; and/or
 - (iv) require its current or former Participants to provide information and documents to BSEF at the request of the CFTC, any Governmental Body with

jurisdiction over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets.

- (b) BSEF may enter into any information-sharing arrangement with any Person or body (including the CFTC, the NFA, any Self-Regulatory Organization, any SEF, DCM, market, or clearing organization, or any Governmental Body) if BSEF (i) believes that such entity exercises a legal or regulatory function under any law or regulation, or a function comprising or associated with the enforcement of a legal or regulatory function, or (ii) considers such arrangement to be in furtherance of the purpose or duties of BSEF and the SEF operated by BSEF under Applicable Law.
- (c) BSEF may disclose any information provided by or relating to Participant, Account Managers, Authorized Traders, Supervised Persons, Customers or Accounts or their agents, or Trades of Participant or of its Customers or Accounts, including the content of this Agreement, to any Governmental Body, to the Regulatory Services Provider, to an SDR where BSEF reports Trades, to any other person or entity as required by Applicable Law or as necessary to conclude Participant's Trades, submit Participant's Trades for clearance or perform services requested by a Participant, and to any Person providing services to BSEF with respect to the SEF operated by BSEF. BSEF will not disclose any proprietary data or personal information of any Participant, Account Manager, Authorized Trader, Supervised Person, Customer or Account without a corresponding confidentiality agreement between such Person and BSEF, unless the Person requesting such information is a Governmental Body.

RULE 214. Regulatory Services Agreement with the Regulatory Services Provider

BSEF has contracted with the Regulatory Services Provider to provide certain regulatory services to BSEF pursuant to a Regulatory Services Agreement. In accordance with the Regulatory Services Agreement, the Regulatory Services Provider may perform certain surveillance, investigative, and regulatory functions under the BSEF Rules and BSEF may provide information to the Regulatory Services Provider in connection with the performance by the Regulatory Services Provider of those functions. BSEF shall retain ultimate decision-making authority with respect to any functions that are contracted to the Regulatory Services Provider.

RULE 215. Delivery and Service of CFTC Communications for Non-U.S. Participants

In accordance with CFTC Rule 15.05, BSEF will serve as an agent of a non-U.S. Participant or a Customer of non-U.S. Participant for whom Swaps were executed or a non-U.S. Authorized Trader for purposes of accepting delivery and service of any communication issued by or on behalf of the CFTC to the non-U.S. Participant or the Customer of the non-U.S. Participant or the non-U.S. Authorized Trader, in each case with respect to any swap traded on the SEF operated by BSEF.

CHAPTER 3. PARTICIPANTS

RULE 301. Eligibility Criteria for Becoming a Participant

- (a) To be eligible for admission as a Participant, an applicant must demonstrate to the satisfaction of BSEF that it:
 - (i) is an ECP, and each Account or Customer on whose behalf it wishes to trade on the SEF operated by BSEF is an ECP, in each case eligible to enter into the asset classes of Swaps it wishes to trade on the SEF operated by BSEF;
 - (ii) is of good reputation and business integrity;
 - (iii) maintains adequate financial resources and credit;
 - (iv) is validly organized, in good standing, and authorized by its governing body and, if relevant, documents of organization, to trade Swaps;
 - (v) has not filed for bankruptcy;
 - (vi) is not a SEF Official, agent or affiliate of BSEF;
 - (vii) is not prohibited from using the services of BSEF for any reason whatsoever;
 - (viii) holds all registrations required under Applicable Law, if any;
 - (ix) is not subject to statutory disqualification under Section 8a(2) of the CEA;
 - (x) satisfies any other criteria that BSEF may require from a Participant to perform its SRO responsibilities, comply with Applicable Law or provide SEF services; and
 - (xi) is not an ISV or an automated trading system.
- (b) Once admitted, the Participant shall continue to comply with all applicable Eligibility Criteria in this Rule 301.
- (c) With respect to Cleared Swaps, each Participant that is an Account Manager, FCM or Introducing Broker must ensure that each of its, as applicable, Accounts or Customers has a clearing account with a Clearing Member that is a member of the Clearing House accepting for clearance Cleared Swaps traded on the SEF operated by BSEF and provide BSEF with evidence of such relationship. With respect to Non-Cleared Swaps, each Participant that is an Account Manager or Introducing Broker must ensure that each of its, as applicable, Accounts or Customers complies with Rule 534, if applicable. A DMA Customer that is an Account Manager must ensure that each of its Accounts complies with Rule 534, if applicable. Each Participant or DMA Customer that is an Account Manager must provide BSEF upon BSEF's

prior Written request with Written representation or proof of authority to place RFQs or Orders and execute Trades on the SEF operated by BSEF on behalf or in the name of each Account.

- (d) With respect to Cleared Swaps, each Participant that is not an Account Manager must either be a Clearing Member of a Clearing House where the Cleared Swaps are cleared or have a clearing account with a Clearing Member with respect to such Cleared Swap and provide SEF with evidence of such relationship. With respect to Non-Cleared Swaps, each Participant that is not an Account Manager must comply with Rule 534, if applicable.
- (e) Each Participant must provide BSEF with all information necessary for BSEF to establish Trading Accounts, and keep such information current and up-to-date.
- (f) Participants that do not have a relationship with a Clearing Member as set forth in subsection (c) or (d) of this Rule 301 are prohibited from entering RFQs or Orders in Cleared Swaps on the SEF operated by BSEF.
- (g) BSEF shall monitor its Participants to ensure that each Participant continues to qualify as an ECP.
- (h) Upon request of BSEF, a Participant shall promptly provide to BSEF or its Regulatory Services Provider information about its Customers, Accounts and Authorized Traders as BSEF requests related to or in connection with the SEF Activity of such Customers, Accounts and Authorized Traders.

RULE 302. Authorized Traders

- (a) Each Participant shall nominate or designate one or more Authorized Traders, who will conduct SEF Activity on behalf of the Participant.
 - (b) Each Authorized Trader:
 - (i) must be a natural person;
 - (ii) must satisfy any other requirements as may be prescribed by BSEF from time to time; and
 - (iii) must have a Trader ID.

A Participant that authorizes a third party to trade for its Trading Account on a discretionary basis pursuant to a power of attorney or other instrument must identify or approve a specific natural person as its Authorized Trader with respect to such Trading Account.

(c) Without limiting the foregoing, each Authorized Trader will abide by applicable BSEF Rules and Applicable Law, and each Participant or DMA Customer, as applicable, will ensure on an ongoing basis that:

- (i) none of its Authorized Traders is subject to a disqualification pursuant to any Applicable Law (unless an appropriate exemption has been obtained with respect thereto);
 - (ii) each of its Authorized Traders will be technically proficient;
- (iii) each of its Authorized Traders will conduct its business in a fair and equitable manner; and
- (iv) each of its Authorized Traders will conduct its business in accordance with the BSEF Rules.
- (d) By agreeing to become an Authorized Trader, an individual agrees to be bound by the duties and responsibilities of an Authorized Trader under these Rules and to be subject to, and comply with, the BSEF Rules and Obligations. Among other duties and responsibilities that BSEF may impose, an Authorized Trader must:
 - (i) have the authority, at BSEF's request, to adjust or withdraw any Order submitted under any Trader ID assigned to him or her; and
 - (ii) ensure that any SEF Activity conducted under any Trader ID assigned to him or her complies with all BSEF Rules and Obligations.
- (e) To nominate or designate an Authorized Trader, a Participant must follow the procedures established by BSEF. BSEF may establish criteria that individuals must fulfill to become an Authorized Trader. Any such criteria will be set out in the BSEF Rules. BSEF will not accept the registration as an Authorized Trader of any individual who is a SEF Official.
- (f) BSEF will promptly notify a Participant in Writing of the approval of nominated or designated Authorized Traders or if BSEF declines to approve the nomination or designation.
- (g) BSEF will maintain a list of all appointed Authorized Traders for each Participant.
- (h) BSEF may, in its sole discretion terminate, revoke or suspend an Authorized Trader and shall promptly notify the Participant in Writing of such action. Upon such termination, revocation or suspension, BSEF will disable access of such Authorized Trader to the SEF operated by BSEF.
- (i) To request the termination of the designation of an Authorized Trader, the Participant or the Authorized Trader must notify BSEF following the procedures established by BSEF. BSEF will terminate access of such Authorized Trader to the SEF operated by BSEF immediately upon receipt of such notice from Participant.

RULE 303. Participant Application Process; Termination of Participant

- (a) Any Person who desires to become a Participant shall (i) submit signed Participant Documentation; (ii) agree in Writing to abide by the BSEF Rules and Applicable Law; (iii) provide such information and documentation as may be requested by BSEF; and (iv) follow the application procedures established by BSEF.
- (b) In considering an application from a potential Participant, BSEF may require additional information from the applicant, or conduct an investigation to verify information submitted by the applicant, or both.
- (c) If BSEF decides to admit an applicant as a Participant, it shall promptly notify the applicant and state in such notice the date on which the applicant shall become a Participant.
- (d) If BSEF decides to decline or condition an application for admission as a Participant, or terminate a Person's status as a Participant, BSEF shall promptly notify such Affected Person thereof in a Writing sent to the address provided by the applicant or maintained in BSEF registry of Participants. Such Affected Person may, within seven (7) calendar days, request in Writing that BSEF provide the reasons for the denial, conditioning or termination of Participant status. Within fourteen (14) calendar days after receiving such Written request, BSEF shall send in Writing to the Affected Person the reasons for the denial, conditioning or termination. Within fourteen (14) calendar days of receiving the BSEF's Written response, the Affected Person may request in Writing that BSEF reconsider its determination, and may provide any relevant representations or other information that such Affected Person believes to be relevant to the reconsideration.
- (e) BSEF may deny, condition or terminate Participant status of any Person if: (i) such Person is unable to satisfactorily demonstrate its ability to satisfy the Eligibility Criteria as set forth in Rule 301(a) to become or remain a Participant; (ii) such Person is unable to satisfactorily demonstrate its capacity to adhere to all applicable BSEF Rules; (iii) such Person would bring BSEF into disrepute as determined by BSEF in its sole discretion; or (iv) for such other cause as BSEF may reasonably determine.

RULE 304. Trading Privileges of a Participant

- (a) Upon admission as a Participant, the Participant must execute such Participant Documentation as required from time to time by BSEF, and such Participant Documentation must remain in effect for the Participant to access the SEF operated by BSEF.
- (b) Admission as a Participant entitles the Participant only to Trading Privileges and does not confer any right of ownership in, or right to attend or vote at meetings of, BSEF, or right to share in the profits, of BSEF. A Participant may not transfer or assign its status as a Participant.

RULE 305. Termination or Limitation of Trading Privileges and Trading Access

- (a) Notwithstanding anything in the BSEF Rules to the contrary, the Chief Compliance Officer may, after consultation with the Regulatory Oversight Committee, if practicable, summarily suspend, revoke, limit, condition, restrict or qualify the Trading Privileges of a Participant or the Trading Access of an Authorized Trader, and may take other summary action against any Participant or any of its Supervised Persons or any Authorized Trader in accordance with the BSEF Rules; provided, however, that the Chief Compliance Officer must reasonably believe that the business, conduct or activities of the Participant, Authorized Trader or Supervised Person in question is not in the best interests of BSEF or the marketplace, including based on any of the following: (i) statutory disqualification from registration as provided in CEA Section 8a(2) or (3); (ii) non-payment of fees, costs, charges, fines or arbitration awards; or (iii) the reasonable belief that immediate action is necessary to protect the public or the best interests of BSEF and the SEF operated by BSEF. BSEF may deny or limit Trading Privileges of a Participant or Trading Access of any Authorized Trader upon default of the Participant, Customer or Account, as applicable, on any Swap with respect to such Participant, Customer or Account.
- (b) Whenever practicable, the Compliance Department, acting on behalf of the Chief Compliance Officer, shall provide prior Written notice to the party against whom any action in accordance with paragraph (a) shall be taken. If prior notice is not practicable, BSEF will give notice at the earliest possible opportunity to the respondent against whom the action is brought. The Compliance Department, acting on behalf of the Chief Compliance Officer, will prepare a notice of summary action (which will state the action, the reasons for the action, and the effective time, date and duration of the action) and serve the notice on such party.
- (c) The summary action will become final upon the expiration of 20 days after the notice of action is served on the respondent.
- (d) At the request of BSEF, a respondent against whom a summary action is brought pursuant to this Rule 305 must provide books and records over which the respondent has access or control and must furnish information to, or appear or testify before, BSEF or the in connection with the enforcement of any BSEF Rule.
- (e) Participant may appeal any decision taken by BSEF under this Rule 305 as provided in Rule 620; <u>provided</u>, <u>however</u>, that any such decision by BSEF to deny or otherwise limit applicant's Trading Privileges or Trading Access shall continue in effect during such review.

RULE 306. Assessments and Fees

BSEF shall set the times and amounts of any assessments or fees to be paid by Participants, which assessments or fees shall be paid to BSEF when due. If a Participant fails to pay when due any such assessments or fees levied on such Participant, and such payment obligation remains unsatisfied for thirty days after its due date, BSEF may suspend, revoke, limit,

condition, restrict or qualify the Trading Privileges of such Participant as it deems necessary or appropriate.

RULE 307. Authorized Representatives

Each Participant shall designate one or more Authorized Representatives who will represent the Participant before BSEF and its committees and receive notices on behalf of the Participant. The Authorized Representative shall be empowered by the Participant to act on its behalf and BSEF shall be entitled to rely on the actions of the Authorized Representative as binding on the Participant. Each Participant must provide BSEF with current contact and other requested information for each of its Authorized Representatives so that BSEF is able to immediately contact the Authorized Representatives.

RULE 308. Recording of Communications

BSEF may record conversations and retain copies of electronic communications between SEF Officials, on one hand, and Participants, their Account Managers, Authorized Traders, Supervised Persons or other agents, on the other hand, to the extent required by Applicable Law. Any such recordings may be retained by BSEF or the Regulatory Services Provider in such manner and for such periods of time as BSEF may deem necessary or appropriate.

RULE 309. Notices to Participants

BSEF shall publish a notice with respect to each addition to, modification of, or clarification of, the BSEF Rules or of any action to implement any BSEF Rules, in a form and manner that is reasonably designed to enable each Participant to become aware of and familiar with, and to implement any necessary preparatory measures to be taken by it with respect to, such addition or modification, prior to the effective date thereof (each a "Notice to Participants"). For purposes of publication in accordance with the first sentence of this Rule, it shall be sufficient (without limiting the discretion of BSEF as to any other reasonable means of communication) if a Notice to Participants is published on BSEF's website and posted on BSEF's internal notification system. Any Notice to Participants shall also be deemed to have been made to all Account Managers, Authorized Traders and Supervised Persons.

RULE 310. Communications between BSEF and Participants

Each Participant must provide BSEF with its current electronic mail address and telephone number and the electronic mail address and telephone number of any of its Authorized Traders and immediately (and in any event within 24 hours) update this information whenever it changes. All communications between BSEF and the Participant will be transmitted by electronic mail and/or posted on BSEF's website, except as otherwise specified by BSEF. The Participant shall be responsible for conveying such communications to its Authorized Traders and/or to its Account Managers. Each Participant will be responsible for promptly reviewing and, if necessary, responding to all electronic communications from BSEF to the Participant or any of its Account Managers, Authorized Traders, Supervised Persons or any Person to whom it has

given Trader ID(s). All communications made to a Participant shall also be deemed to have been made to all Account Managers, Authorized Traders and Supervised Persons of such Participant.

RULE 311. Application of BSEF Rules and Jurisdiction

- ANY MARKET PARTICIPANT THAT DIRECTLY OR INDIRECTLY EFFECTS A TRANSACTION ON THE SEF OPERATED BY BSEF, OR ANY PARTICIPANT, AUTHORIZED TRADER OR OTHER PERSON ACCESSING OR ENTERING ANY RFQ OR ORDER OR SUBMITTING ANY SWAP INTO THE SEF OPERATED BY BSEF OR EXECUTING ANY TRADE PURSUANT TO THE RULES (i) IS BOUND BY, AND SHALL COMPLY WITH, THE BSEF RULES AND OBLIGATIONS, THE CLEARING HOUSE RULES, SWAP SPECIFICATIONS AND APPLICABLE LAW, IN EACH CASE TO THE EXTENT APPLICABLE TO IT, (ii) SUBMITS TO THE JURISDICTION OF BSEF WITH RESPECT TO ANY AND ALL MATTERS ARISING FROM, RELATED TO, OR IN CONNECTION WITH, THE STATUS, ACTIONS OR OMISSIONS OF SUCH PARTICIPANT, AUTHORIZED TRADER OR OTHER PERSON, AND (iii) AGREES TO ASSIST BSEF IN COMPLYING WITH ITS LEGAL AND REGULATORY OBLIGATIONS, COOPERATE WITH BSEF, THE CFTC AND ANY GOVERNMENTAL BODY WITH JURISDICTION OVER BSEF OR THE SEF OPERATED BY BSEF IN ANY INQUIRY, INVESTIGATION, AUDIT, EXAMINATION OR PROCEEDING.
- (b) Any Person whose access to the SEF operated by BSEF is suspended for any period remains subject to the BSEF Rules, the Obligations and BSEF's jurisdiction throughout the period of suspension. Any Person whose access to the SEF operated by BSEF is revoked or terminated shall remain bound by the BSEF Rules and Applicable Law, in each case to the extent applicable to it, and subject to the jurisdiction of BSEF with respect to any and all matters arising from, related to, or in connection with, the status, actions or omissions of such Participant prior to such revocation or termination.

RULE 312. Description of Participant's Status

A Participant shall ensure that the form, content and context of any description of the Participant's status on the SEF operated by BSEF is not inconsistent with, and does not misrepresent, the Participant's capacity on the SEF operated by BSEF under the BSEF Rules or the Participant's registration, if any, under the CEA, or under any other Applicable Law.

RULE 313. Dissolution of Participants

All rights and privileges of a Participant terminate upon, and all obligations of a Participant shall survive the dissolution of the Participant.

RULE 314. Withdrawal of Participant

- (a) To withdraw from the SEF operated by BSEF, a Participant must notify BSEF of its withdrawal. Such withdrawal shall be accepted and effective immediately upon receipt of such notice by BSEF.
- (b) When BSEF accepts the withdrawal of a Participant, all rights and privileges of such Participant terminate (including the Trading Privileges). The accepted withdrawal of a Participant shall not affect the rights of BSEF under the BSEF Rules or relieve the former Participant of such Participant's obligations under the BSEF Rules before such withdrawal. Notwithstanding the accepted withdrawal of a Participant, the withdrawn Participant remains subject to the BSEF Rules, the Obligations and the jurisdiction of BSEF for acts done and omissions made while a Participant, and must cooperate in any SEF Proceeding under Chapter 6 as if the withdrawn Participant were still a Participant.

RULE 315. Compliance with the Commodity Exchange Act

All SEF Participants shall comply with all relevant provisions of the CEA and the Rules and regulations duly issued pursuant thereto by the CFTC, including the filing of reports, maintenance of books and records, and permitting inspection and visitation by Authorized Representatives of the CFTC or Department of Justice.

RULE 316. Access

RULE 316.A. ECP Access

BSEF will provide its services to any ECP with access to its markets and BSEF services that is impartial, transparent and applied in a fair and non-discriminatory manner; <u>provided</u>, <u>however</u>, that each ECP complies with BSEF's documentation and the eligibility requirements set forth in this Rulebook.

RULE 316.B. ISV Access

BSEF will provide ISVs with access to its trading platform and its data in a fair and non-discriminatory manner; <u>provided</u>, <u>however</u>, that each ISV shall comply with BSEF's criteria governing such access. Such access criteria shall be impartial and transparent.

RULE 317. Direct Market Access

- (a) DMA may be sponsored only by a Sponsoring Broker.
- (b) All trades in Cleared Swaps executed via DMA connection must be guaranteed by a Sponsoring Broker that assumes financial responsibility for all activity through the DMA connection.
- (c) Each DMA Customer must execute the DMA Customer Documentation as a condition of being granted access to the SEF operated by BSEF.

- (d) A Sponsoring Broker shall assist BSEF in any investigation into potential violations of the BSEF Rules, CFTC Regulations or the Act which occur through or with respect to a DMA connection guaranteed by such Sponsoring Broker. Such assistance must be timely and may include requiring any DMA Customer to produce documents, to answer questions from BSEF, and/or to appear in connection with an investigation.
- (e) A Sponsoring Broker shall suspend or terminate the Trading Access of a DMA Customer or any Authorized Trader associated with such DMA Customer if BSEF determines that the actions of the DMA Customer or any of its Authorized Traders threaten the integrity of the SEF operated by BSEF or liquidity of any Swap or violate any BSEF Rule or if the DMA Customer or any of its Authorized Traders fails to cooperate in an investigation.
- (f) If a Sponsoring Broker has actual or constructive notice of a violation of the BSEF Rules in connection with Direct Market Access by its DMA Customer and the Sponsoring Broker fails to take appropriate action, BSEF may consider that the Sponsoring Broker has committed an act detrimental to the interest or welfare of BSEF.

RULE 318. Legal Certainty for SEF Trades

A transaction entered into on or pursuant to the BSEF Rules shall not be void, voidable, subject to rescission, otherwise invalidated, or rendered unenforceable as a result of:

- (a) a violation by BSEF of the provisions of section 5h of the Act or CFTC Regulations;
- (b) any CFTC proceeding to alter or supplement a Rule, term, or condition under section 8a(7) of the Act or to declare an emergency under section 8a(9) of the Act; or
 - (c) any other proceeding the effect of which is to:
 - (i) alter or supplement a specific term or condition or trading rule or procedure; or
 - (ii) require BSEF to adopt a specific term or condition, trading rule or procedure, or to take or refrain from taking a specific action.

RULE 319. Rights and Responsibilities after Suspension or Termination

(a) When the Trading Privileges of a Participant or the Trading Access of any Authorized Trader are suspended, none of its rights and Trading Privileges (including the right to hold oneself out to the public as a Participant, enter RFQs or Orders into the SEF operated by BSEF and receive Participant rates for fees, costs, and charges at Participant levels) will apply during the period of the suspension, except for the right of the Participant in question to assert claims against others as provided in the BSEF Rules or the right to Trading Access. Any such suspension will not affect the rights of creditors under the BSEF Rules or relieve the Participant in question of its, his or her obligations under the BSEF Rules to perform any Swaps entered into before the suspension, or for any SEF fees, costs, or charges incurred during the suspension.

- (b) When the Trading Privileges of a Participant or the Trading Access of any Authorized Trader are terminated, all of a Participant's rights and Trading Privileges or an Authorized Trader's right to Trading Access will terminate, except for the right of the Participant in question to assert claims against others, as provided in the BSEF Rules. Any such termination will not affect the rights of creditors under the BSEF Rules. A terminated Participant may only seek to reinstate its Trading Privileges by applying for Trading Privileges pursuant to Rule 304. BSEF will not consider the application of a terminated Participant if such Participant continues to fail to appear at disciplinary or appeals proceedings without good cause or continues to impede the progress of disciplinary or appeals proceedings.
- (c) A suspended or terminated Participant, Authorized Trader or Supervised Person remains subject to the BSEF Rules and the jurisdiction of BSEF for acts and omissions prior to the suspension or termination, and must cooperate in any inquiry, investigation, disciplinary or appeals proceeding, summary suspension or other summary action as if the suspended or terminated Participant still had Trading Privileges or the terminated Authorized Trader still had Trading Access. BSEF may discipline a suspended Participant or Authorized Trader under this Chapter 6 for any violation of a BSEF Rule or provision of Applicable Law committed by the Participant or Authorized Trader before, during or after the suspension.
- (d) Upon the request of a Customer, in the event of the suspension or revocation of the Trading Privileges of a Participant, BSEF shall seek to facilitate the transfer of any Customer accounts held by such Participant to other Participants with Trading Privileges.

CHAPTER 4. OBLIGATIONS OF PARTICIPANTS, ACCOUNT MANAGERS, DMA CUSTOMERS, AUTHORIZED TRADERS AND SUPERVISED PERSONS

RULE 401. Duties and Responsibilities

- (a) Each Participant, Account Manager, DMA Customer, Authorized Trader and Supervised Person shall:
 - (i) ensure that BSEF's facilities are used in a responsible manner and are not used for any improper purpose;
 - (ii) ensure that BSEF's facilities are used only to conduct SEF Activity;
 - (iii) ensure that all SEF Activity conducted by the Participant, Account Managers, Authorized Traders and Supervised Persons is performed in a manner consistent with applicable BSEF Rules and their respective Obligations;
 - (iv) comply with all BSEF Rules and Obligations and act in a manner consistent with each BSEF Rule and Obligation;
 - (v) observe high standards of integrity, market conduct, commercial honor, fair dealing, and just and equitable principles of trade while conducting or attempting to

conduct any SEF Activity, or any aspect of any business connected with or concerning the SEF operated by BSEF;

- (vi) not mislead or conceal any material fact or matter in any dealings or filings with BSEF or in response to any SEF Proceeding; and
- (vii) keep the Authorized Trader's Trader IDs, account numbers and passwords confidential.
- (b) Each Participant shall be responsible for promptly informing BSEF of any material changes to Eligibility Criteria information provided to BSEF by the Participant.

RULE 402. Required Disclosures to BSEF

Each Participant shall immediately notify the Compliance Department upon becoming aware of any of the following events:

- (a) any material change to the contact information provided to BSEF by the Participant;
- (b) any damage to, or failure or inadequacy of, the systems, facilities or equipment of the Participant to effect transactions pursuant to the BSEF Rules or to timely perform the Participant's financial obligations under or in connection with Swaps of such Participant or Swaps of any Customer or Account of such Participant;
- (c) any refusal of admission of the Participant for membership in, any Self-Regulatory Organization, SEF, DCM, or Derivatives Clearing Organization;
- (d) any expulsion, suspension or fine in excess of \$25,000 (whether through an adverse determination, voluntary settlement or otherwise) imposed on the Participant by any Self-Regulatory Organization, SEF, DCM, Derivatives Clearing Organization or, with respect to SEF Activity, any relevant Governmental Body;
- (e) any revocation, suspension or conditioning of any registration or license of a Participant necessary to conduct SEF Activity granted by any relevant Governmental Body;
- (f) (A) the commencement of any judicial or administrative proceeding against the Participant or any Authorized Trader or Supervised Person or (B) the imposition of any fine in excess of \$25,000, cease and desist order, denial of trading privileges, censure or other sanction or remedy (whether through an adverse determination, voluntary settlement or otherwise) imposed, in each case of (A) and (B), by any Self-Regulatory Organization, SEF, DCM, Derivatives Clearing Organization or, with respect to SEF Activity, any relevant Governmental Body;
- (g) any indictment or conviction of, or any confession of guilt or plea of guilty or nolo contendere by, any principals or senior officers of the Participant or any Authorized Trader for any felony or misdemeanor involving, arising from, or related to, the purchase or sale of any

commodity, futures contract, swap, option, security, securities futures product or other financial instrument, or involving or arising from fraud or moral turpitude; and

- (h) the Participant's or a 10% or greater owner of the Participant becoming the subject of a petition for bankruptcy;
- (i) the appointment of a receiver, trustee or administrator for the Participant or a 10% or greater owner of the Participant;
- (j) the presentment of a petition, or the passing of a resolution, for the Participant's or a 10% or greater owner of the Participant winding-up;
- (k) the commencement of proceedings for the Participant's or the 10% or greater owner's of the Participant dissolution; or
- (l) the occurrence of an event of insolvency with respect to the Participant or the 10% owner or greater owner of the Participant.

RULE 403. Inspections by BSEF

- (a) BSEF or the Regulatory Services Provider (or their respective authorized representatives), shall have the right with such prior reasonable advance notice as is practicable under the circumstances, in connection with determining whether all BSEF Rules are being, will be, or have been complied with by the Participant, to:
 - (i) inspect the books and records of the Participants relating to SEF Activity;
 - (ii) inspect systems, equipment and software of any kind operated by the Participant in connection with SEF Activity and any data stored in any of the systems or equipment related to SEF Activity; and/or
 - (iii) copy or reproduce any data to which BSEF has access under this Rule.
- (b) Such books and records, systems, equipment, software and data shall be made available to BSEF and the Regulatory Services Provider and their respective authorized representatives during regular business hours and BSEF and the Regulatory Services Provider and their respective authorized representatives agree to adhere to Participant's reasonable logical and physical access and security procedures.
- (c) Each Participant, DMA Customer and Authorized Trader shall provide the Regulatory Services Provider with the same access to their books and records as they are required to provide to BSEF under the BSEF Rules and Applicable Law.
- (d) The Compliance Department may require a Participant to furnish (periodically or on a particular occasion) information concerning the Participant's SEF Activity.

RULE 404. Minimum Financial and Related Reporting Requirements

Each Participant that is registered with any Self-Regulatory Organization shall comply with the provisions of Applicable Law relating to minimum financial and related reporting and recordkeeping requirements.

RULE 405. Position Liquidation upon Default

Upon default of any Swap by a Participant, Customer or Client, BSEF shall have the right to arrange the liquidation of all or some Swap positions of such Participant, Customer or Client, as applicable, opened via the SEF operated by BSEF.

RULE 406. Authority to Impose Restrictions

Whenever a Participant is subject to the early warning requirements set forth in the CFTC Regulations, including CFTC Regulation 1.12, the President, or his or her designee, may impose such conditions or restrictions on the business and operations of such Participant as the President, or his or her designee, may deem necessary or appropriate for the protection of Customers, other Participants or the SEF operated by BSEF.

RULE 407. Customers and Accounts

- (a) No Participant shall carry an account for a Customer or enter an RFQ or Order in the name of a Account unless the Participant has entered into a Written agreement with the Customer or Account that is in compliance with Applicable Law and the BSEF Rules.
- (b) Each Participant must: (1) ensure that the Customer or Account is an ECP at the time of execution of any Swap; (2) subject every Swap executed for the Customer or Account to the terms of the BSEF Rules insofar as they are applicable to that Swap; (3) in relation to any Swap executed for the Customer or Account, be able to comply with all requirements of the BSEF Rules and any other arrangements, provisions and directions given by BSEF; and (4) provide BSEF and its agents, including its Regulatory Services Provider, access to all information in connection with or related to its SEF Activity necessary for monitoring and enforcement of BSEF Rules.

RULE 408. Disclosure Requirements; Know Your Counterparty Requirements

- (a) With respect to Non-Cleared Swaps, Participants that are Swap Dealers or Major Swap Participants shall verify the status of each Counterparty as an ECP with respect to each Trade as provided in Part 23 of the CFTC Regulations applicable to business conduct standards for Swap Dealers and Major Swap Participants in their dealing with counterparties.
- (b) Each Participant must comply with the disclosure requirements imposed by the BSEF Rules.

RULE 409. Books and Records

RULE 409.A. Participant Books and Records

- (a) Each Participant shall prepare and keep current all books, ledgers and other similar records relating to its SEF Activity required to be kept by it pursuant to the Act, CFTC Regulations and these Rules and shall prepare and keep current such other books and records relating to its SEF Activity and adopt such forms as BSEF may from time to time prescribe. Such books and records shall be made available, upon request, to BSEF, the CFTC, the Department of Justice or any Governmental Body, regulator or Self-Regulatory Organization with jurisdiction over BSEF, and their respective Authorized Representatives.
- (b) In addition to information required by subsection (a) of this Rule 409, each Participant must comply with all applicable requirements of CFTC Regulation 1.35.
- (c) If a Participant cannot enter an Order or Request for Quote received from its Customer into the SEF Platform, the Participant must immediately create an electronic record that includes the account identifier that relates to the Customer Account, time of receipt, and terms of the Order or Request for Quote.
- (d) As required by CFTC Regulation 37.404, each Participant must keep records of their trading on the SEF operated by BSEF (including records of its activity in the index or instrument used as a reference price, the underlying commodity and related derivatives markets) and make such records available, upon request, to BSEF, the CFTC or any Governmental Body, regulator or Self-Regulatory Organization with jurisdiction over BSEF, and their respective Authorized Representatives.
- (e) Each Participant shall keep all books and records required to be kept by it pursuant to these Rules for a period of five years from the date on which they are first prepared unless otherwise provided in these Rules or required by Applicable Law. Such books and records shall be readily accessible during the first two years of such five-year period. During such five-year period, all such books and records shall be made available for inspection by, and copies thereof shall be delivered to, BSEF and its Authorized Representatives upon request.
- (f) Each Participant and Authorized Trader shall provide the NFA with the same access to its books and records and offices as it is required to provide BSEF under these Rules and Applicable Law.
- (g) BSEF may require a Participant to furnish such information concerning the Participant's business that is subject to these Rules as BSEF deems necessary to enable it to perform its obligations under Applicable Law, including information relating to (i) Swaps executed on the SEF operated by BSEF and in related derivatives markets, including in the products underlying those Swaps, and (ii) information requested by a government agency relating to the SEF and/or BSEF's compliance with Applicable Law that BSEF believes is maintained by, or otherwise in the possession of, a Participant.

(h) All data and information provided to or obtained by BSEF pursuant to this Rule 409 shall be subject to the provisions of Rule 805.

RULE 409.B. BSEF Books and Records

BSEF shall keep, or cause to be kept, complete and accurate books and records, including all books and records required to be maintained pursuant to the CEA, the CFTC Regulations or the BSEF Rules as required by CFTC Regulation 1.31.

RULE 410. Responsibility for Mandatory Trading

Each Participant that is a Swap Dealer or Major Swap Participant shall be responsible for compliance with the mandatory trading requirement under Section 2(h)(8) of the CEA and shall not enter into any Required Transaction outside a SEF that lists a Swap related to such Required Transaction.

RULE 411. Eligibility for Clearing Exempt Transactions

Each Participant wishing to execute any Clearing Exempt Transaction on the SEF operated by BSEF must submit to BSEF the documentation required by Part 50 of the CFTC Regulations or CFTC Staff No-Action Letter 13-22 (each a "Clearing Exception Form") prior to sending an RFQ or placing an Order subject to the Clearing Exception. A Participant shall submit to BSEF all documentation supporting its eligibility (or the eligibility of its relevant Client or Customer, if applicable) for the Clearing Exception.

CHAPTER 5. TRADING PRACTICES, REPORTING, CLEARING AND BUSINESS CONDUCT

RULE 501. Scope

This Chapter 5 prescribes Rules concerning trading practices and business conduct on the SEF operated by BSEF and applies to all RFQs, Orders and Trades in Swaps as defined in Chapter 1.

RULE 502. Procedures

- (a) With respect to trading on or though the SEF Platform or subject to BSEF Rules, BSEF may adopt, without limitation, procedures relating to transactions in Swaps and trading on the SEF Platform or subject to BSEF Rules, including procedures to:
 - (i) disseminate the prices of bids and offers on, and trades in, Swaps;
 - (ii) record, and account for, Swaps and SEF Activity and regulate administrative matters affecting Swaps and SEF Activity;
 - (iii) establish limits on the number and/or size of RFQs or Orders that may be submitted by a Participant through the SEF Platform or subject to BSEF Rules;

- (iv) establish limits on the aggregate notional amount of Swaps that may be held by a Participant;
- (v) establish a limit on the maximum daily price fluctuations for any Swap and provide for any related restriction or suspension of trading in the Swap; and
 - (vi) establish minimum price quoting increments for each Swap.
- (b) BSEF may, in its discretion and at any time, amend any procedures adopted pursuant to Rule 502(a), and will publish the amendments in a Notice to Participant or in any other manner determined appropriate by BSEF.

RULE 503. Business Days and Trading Hours

Except as provided in Rule 212 with respect to Emergencies, BSEF shall determine and publish a Notice to Participants listing the Business Days of the SEF operated by BSEF and the Trading Hours for each Swap.

RULE 504. Rule Violations

- (a) It shall be an offense for a Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person to violate any BSEF Rule regulating the conduct or business of a Participant or its Account Managers, Authorized Traders or Supervised Persons, or any agreement made with BSEF, or to engage in fraud, dishonorable or dishonest conduct, or in conduct which is inconsistent with just and equitable principles of trade.
- (b) Participants shall assist BSEF in any investigation into potential violations of the BSEF Rules or, with respect to the SEF Activity, the CEA. Such assistance must be timely and may include, but not be limited to, producing documents, answering questions from BSEF or its designee, and/or appearing in connection with an investigation.
- (c) If a Participant has actual or constructive notice of a violation of BSEF Rules in connection with the use of the SEF operated by BSEF by a Participant, Customer, Account or Authorized Trader and the Participant fails to take appropriate action, the Participant may be found to have committed an act detrimental to the interest or welfare of the SEF operated by BSEF.

RULE 505. Fraudulent Acts

No Participant, Account Manager, DMA Customer, Authorized Trader, Supervised Person or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF shall engage in any fraudulent act or engage in any scheme to defraud, deceive, trick or mislead in connection with or related to any SEF Activity. Specifically, no Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person shall engage in front running, fraudulent trading, money passes, trading ahead of Customers, trading against Customers or accommodation trading.

RULE 506. Fictitious, Wash or Pre-Arranged Transactions

- (a) No Participant, Account Manager, DMA Customer, Authorized Trader, Supervised Person or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF shall create fictitious transactions or wash transactions or execute any Order with knowledge of its nature. No Person shall place or accept Orders in the same Swap where the Person knows or reasonably should know that the purpose of the Orders is to avoid taking a bona fide market position exposed to market risk (transactions commonly known or referred to as wash sales). Orders for different accounts with common beneficial ownership that are entered with the intent to negate market risk or price competition shall also be deemed to violate the prohibition on wash trades. Additionally, no Person shall knowingly execute or accommodate the execution of such Orders by direct or indirect means.
- (b) No Participant, Account Manager, DMA Customer or Authorized Trader shall engage in a pre-arranged transaction except as permitted by Rule 516.B, Rule 521 or Rule 531.

RULE 507. Pre-Execution Communications

- (a) Pre-Execution Communications with respect to Swaps executed through the Order Book shall be prohibited except in the case of Trades executed in accordance with Rule 521.
- (b) Pre-Execution Communications are permitted with respect to Swaps executed through the Request for Quote Functionality in accordance with Rule 522.A(b).

RULE 508. Market Disruption and Market Manipulation

- (a) Orders or RFQs entered into the SEF operated by BSEF for the purpose of upsetting the equilibrium of the market in any Swap without the intent to reflect fair market values or creating a condition in which prices do not or will not reflect fair market values are prohibited, and any Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person who makes or assists in entering any such Order or RFQ with knowledge of the purpose thereof or who, with such knowledge, in any way assists in carrying out any plan or scheme for the entering of any such Order or RFQ, will be deemed to have engaged in an act detrimental to the SEF operated by BSEF.
- (b) Any intentional attempted or completed manipulation of the market in any Swap is prohibited.
- (c) A Participant may not post on an Order Book and submit an RFQ to the SEF Platform in the same Swap at the same time using the same Participant ID.

RULE 509. Prohibition of Misstatements

It shall be an offense to make any knowing misstatement of a material fact to BSEF, any SEF Official, any Board committee or SEF panel, the Compliance Department and/or agents of BSEF

(including the Regulatory Services Provider) or any Participant or any of its Account Managers, Authorized Traders or Supervised Persons.

RULE 510. Acts Detrimental to Welfare of SEF

It shall be an offense to engage in any act that is detrimental to the interest or welfare of the SEF operated by BSEF.

RULE 511. Adherence to Law

- (a) No Participant, Account Manager, Customer, Authorized Trader or Supervised Person shall engage in conduct in violation of the BSEF Rules, the Act, CFTC Regulations, the Rules of any SEF, or the rules of any DCM, DCO or SRO that has jurisdiction over such Participant, Account Manager, Customer, Authorized Trader or Supervised Person or, with respect to SEF Activity, the laws, rules or regulations of any relevant Governmental Body.
 - (b) Without limiting subsection (a) of this Rule,
 - (i) each Participant that is an FCM or a Clearing Member must comply with all requirements of Applicable Law regarding the treatment of Customer funds and Customer Orders; and
 - (ii) each Participant, Customer or Account must comply with all margin requirements established by each relevant Clearing House and by each relevant Clearing Member, if applicable, as well as any margin requirements set forth by the CFTC or Applicable Law.

RULE 512. Use of Trading Privileges

No Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person may use such Participant's Trading Privileges in any way that could be expected to bring disrepute upon such Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person.

RULE 513. Supervision

Each Participant, DMA Customer and Account Manager shall be responsible for establishing, maintaining and administering reasonable supervisory procedures to ensure that its Authorized Traders and Supervised Persons, as applicable, comply with the BSEF Rules, the Act, CFTC Regulations, the Rules of any SEF, or the rules of any DCM, DCO or SRO that has jurisdiction over such Participant, Account Manager, DMA Customer, Authorized Traders or Supervised Persons or, with respect to SEF Activity, the laws, rules or regulations of any relevant Governmental Body, and such Participant may be held accountable for the actions of such Account Managers, Authorized Traders or Supervised Persons.

RULE 514. Misuse of the SEF Platform

Misuse of the SEF Platform is strictly prohibited. Only Swaps can be traded on the SEF operated by BSEF. It shall be deemed an act detrimental to the interest and welfare of the SEF operated by BSEF to willfully or negligently engage in unauthorized use of the SEF Platform, to assist any Person in obtaining unauthorized access to the SEF Platform, to trade on the SEF Platform without an agreement and an established account with a Derivatives Clearing Organization or a Clearing Member, to alter the equipment associated with the SEF Platform, to interfere with the operation of the SEF Platform, to intercept or interfere with information provided thereby, or in any way to use the SEF Platform in a manner contrary to the BSEF Rules.

RULE 515. Mishandling of Customer Orders

Any Participant that mishandles any Customer Order is responsible for all remedial actions with respect to such Order.

RULE 516. Trade Cancellation, Correction, Offset and Adjustment

RULE 516.A Trade Review and Notification of Action Taken

- (a) Any Trade executed on or in accordance with the Rules of the SEF operated by BSEF can be canceled, corrected, adjusted or offset only upon consent of BSEF and in accordance with this Rule 516. To request cancellation, correction, adjustment or offset of a Trade alleged to be erroneous ("Alleged Error Trade"), a Participant must notify the BSEF Support Desk at 1-212-617-1530 by providing the Trade ID (FIT Key) of the Alleged Error Trade and stating the grounds for the request as soon as possible, but no later than the end of the Business Day following the date of execution of the Alleged Error Trade.
- (b) For an Alleged Error Trade, the Compliance Department will review promptly the electronic audit trail of the Alleged Error Trade as well as any other facts and circumstances associated with the Alleged Error Trade. If BSEF makes an affirmative finding that the Alleged Error Trade was the result of a clerical or operational error and that the cancellation, correction, adjustment or offset of the Alleged Error Trade is appropriate and would not adversely impact market integrity, facilitate market manipulation or other illegitimate activity, or otherwise violate the CEA, CFTC Regulations or BSEF Rules, BSEF will designate such Alleged Error Trade as an "Error Trade."
- (c) BSEF will inform affected Participants of the Error Trade and of the next steps that the Participants must or could make. BSEF will also inform the affected Participants of the final disposition of the Error Trade.
- (d) In the course of its review of an Alleged Error Trade, other than a Trade executed via the CLOB, BSEF may, but is not obliged to, inform Participants affected by the Alleged

Error Trade of the identity and contact information of any other Participant affected by the Alleged Error Trade.

- (e) For Trades executed via the CLOB that are determined to be Error Trades, BSEF will inform Participants affected by the Error Trade of the identity and contact information of any other Participant affected by the Error Trade if (i) all such Participants agree to or are required to enter into Trades described in Rule 516.B; and (ii) all such Participants consent to the disclosure of their identity and contact information to any other Participant affected by the Error Trade.
- (f) For purposes of this Rule 516, a Participant involved in an Alleged Error Trade and acting as an Account Manager, Introducing Broker or FCM shall have the authority to request or consent to the cancellation, adjustment or offset, as applicable, of such Trade on behalf of the relevant Counterparty involved in the Trade.

RULE 516.B Error Trade Cancellation, Correction and Offset – Cleared Swaps

(a) **Participant Errors**

- (i) For each Error Trade, BSEF may, if both Participants agree,
 - (A) request the appropriate Clearing House to cancel the Error Trade; or
 - (B) allow the affected Participants to enter into a pre-arranged Trade with terms that offset the position on the books of the Clearing House that resulted from the Error Trade; and/or
 - (C) if desired by the affected Participants, allow the affected Participants to execute a new Trade that corrects the error in the Error Trade.
- (ii) All BSEF Rules other than Rule 506 and Rule 522.A shall apply to new Trades executed by Participants pursuant to this Rule 516.B(a).

(b) **System Errors**

- (i) If, after its own investigation or a notice from a Participant, BSEF determines in its sole discretion that the execution of a Trade was the result of an error made by the SEF Platform and the Trade has been designated as an Error Trade, then BSEF may:
 - (A) request the appropriate Clearing House to cancel the Error Trade; or
 - (B) (1) direct the affected Participants to enter into a pre-arranged Trade with terms that offset the position on the books of the Clearing House that resulted from the Error Trade; and (2) if desired by the

affected Participants, allow the affected Participants to execute a new Trade that corrects the error in the Error Trade.

- (ii) If BSEF directs affected Participants to enter into a pre-arranged Trade in accordance with sub-section (i)(B) above, the affected Participants shall enter into such pre-arranged Trade.
- (iii) All BSEF Rules other than Rule 506 and Rule 522.A shall apply to new Trades executed by Participants pursuant to this Rule 516.B(b).
- (iv) Notwithstanding anything to the contrary in this Rule 516(B)(b), BSEF reserves the right to correct an Error Trade resulting from an error made by the SEF Platform by any means BSEF deems appropriate.
- (v) If BSEF is unable to determine how to correct the Error Trade, BSEF may either not fix the error, or it may seek guidance on how to address the error from the affected Participants. Any such guidance may not be implemented without consent from both Participants.
- (c) **Timing of an Offset and Correction.** For Error Trades in Cleared Swaps, the Trade to offset the Error Trade carried on the Clearing House's books or the new Trade that corrects the error in the Error Trade executed pursuant to this Rule 516.B must be executed and submitted for clearing no later than three Business Days after the Error Trade was executed.

RULE 516.C Error Trade Cancellation and Adjustment – Non-Cleared Swaps

(a) Participant Error

(i) The Participants involved in an Error Trade may mutually agree to cancel the Error Trade or to adjust the price of the Trade. BSEF will cancel or adjust the Error Trade as instructed by the affected Participants.

(b) **System Error**

- (i) If, after its own investigation or a notice from a Participant, BSEF determines in its sole discretion that the execution of a Trade was the result of an error made by the SEF Platform and the Trade has been designated as an Error Trade, then BSEF may:
 - (A) cancel such Trade; or
 - (B) if both Participants affected by the Error Trade agree, adjust the price.
- (c) **Timing of a Cancellation or Adjustment.** Any cancellation or adjustment made pursuant to this Rule 516.C shall be made no later than three Business Days after the Error Trade was discovered.

RULE 516.D Prime Broker Trades

- (a) A Participant that is a Counterparty to a Prime Broker Trade may request the cancellation of a Prime Broker Trade by sending a cancellation message to BSEF. The cancellation message must state the name and contact information of the Prime Broker for the Prime Broker Trade and the reason for cancellation. If the Prime Broker confirms the cancellation, BSEF will cancel the Prime Broker Trade.
- (b) Subject to subsection (c) of this Rule, a Prime Broker shall have the right to cancel any Prime Broker Trade (i) that is executed in excess of the limit established by the Prime Broker with respect to the Prime Broker Trade, (ii) because the Prime Broker Trade was executed by a Person that was not authorized by the Prime Broker, or (iii) because the Prime Broker Trade was executed for an unauthorized product. The Prime Broker shall communicate the cancellation directly to BSEF within 48 hours after the execution of the Prime Broker Trade and indicate the reason for the cancellation.
- (c) Each Prime Broker that wishes to have the ability to instruct BSEF to cancel Trades executed on BSEF under Rule 516.B.(b) must sign documentation required by BSEF.

RULE 516.E Trade Cancellation and Adjustment by BSEF

- (a) BSEF may adjust or cancel a Trade that resulted from a market disrupting event or that is executed at a price that was outside the No-Bust Range.
- (b) If BSEF takes action pursuant to this Rule 516.E, it will give prompt notice to affected Participant or Participants and will use good faith, commercially reasonable efforts to obtain such Participants' consent to such adjustment or cancellation.

RULE 516.F Trade Reporting by BSEF

BSEF will report the adjustment or cancellation of the Error Trade and any new Trade entered into pursuant to this Rule in accordance with Rule 532.

RULE 517. Withholding Orders Prohibited

- (a) Any Participant entering RFQs or Orders on the SEF operated by BSEF for its Customers shall not withhold or withdraw from the market any RFQ or Order, or any part of an RFQ or Order, for the benefit of any Person other than the Customers.
- (b) A Participant must enter immediately into the SEF operated by BSEF all Orders or Requests for Quotes received from its Customers that are executable immediately. If a Participant cannot immediately enter into the SEF Platform an Order or Request for Quote received from its Customer, the Participant must enter the Order or Request for Quote into the SEF operated by BSEF as soon as practicable, and must immediately create an electronic record as provided in Rule 409.

RULE 518. Priority of Customers' Orders

No Participant that is an FCM or Introducing Broker shall enter an Order into the SEF operated by BSEF for his own account, an account in which he has a direct or indirect financial interest or an account over which he has discretionary trading authority, including an Order allowing discretion as to time and price, when such Person is in possession of any Order in the same Swap for its Customer that the SEF operated by BSEF is capable of accepting.

RULE 519. Trading Against Customers' Orders
Prohibited

RULE 519.A. General Prohibition

No Person in possession of a Customer's Order shall knowingly take, directly or indirectly, the opposite side of such Order for its own account, an account in which it has a direct or indirect financial interest, or an account over which it has discretionary trading authority.

RULE 519.B. Exceptions

The foregoing restriction shall not apply to transactions executed pursuant to Rule 531.A or Rule 531.B.

RULE 520. Disclosing Orders Prohibited

No Person shall disclose another Person's RFQ or Order to buy or sell except to a designated SEF Official or the CFTC, and no Person shall solicit or induce another Person to disclose RFQ or Order information. No Person shall take action or direct another to take action based on non-public RFQ or Order information, however acquired.

RULE 521. Simultaneous Buy And Sell Orders For Different Beneficial Owners

- (a) A Participant that is a broker or a dealer which seeks either to execute against a Customer's Order or to execute two Customers against each other through an Order Book following some form of pre-arrangement or pre-negotiating of such Orders must expose one side of the transaction for a minimum of 15 seconds to the other Participants before the second side of the transaction (whether for the Participant's own account or for a second Customer) can be submitted for execution.
- (b) Notwithstanding the foregoing clause (a), this Rule shall not apply to any DMA Order.

RULE 522. Execution of Orders on the SEF Platform

RULE 522.A. Required Transactions

(a) No Participant shall execute a Required Transaction in a Swap listed on the SEF operated by BSEF other than as described in this Rule 522.A unless it is a Block Trade.

(b) Request for Quote Functionality

- (i) An RFQ for a specific Swap must be sent to at least three MAT Recipient Participants. A Participant is prohibited from sending an RFQ to less than three MAT Recipient Participants.
- (ii) Together with the first response from any MAT Recipient Participant, the SEF Platform will display to a Requesting Participant any firm Resting Quotes for the Swap indicated in the RFQ that are posted on an Order Book together with any responses to the RFQ from the MAT Recipient Participants, and such Resting Quotes will remain displayed until all responses to the RFQ are received or the time for response has lapsed. The SEF Platform will permit the Requesting Participant to execute against such firm Resting Quotes along with any responsive Order from a MAT Recipient Participant.
- "MAT Recipient Participant" means, with respect to any Requesting Participant sending any RFQ via the Request for Quote functionality of the SEF Platform, a Participant other than the Requesting Participant that (x) is not an Affiliate of or Controlled by the Requesting Participant and (y) is not an Affiliate of or Controlled by any other MAT Recipient Participant receiving the same RFQ of the Requesting Participant.

(c) CLOB

Only firm bids and offers can be posted on the CLOB. Firm bids or offers may be posted on the CLOB only by a Participant that is a member of the applicable Clearing House, by a Participant that has a clearing account with a Clearing Member as set forth in Rule 533(b), or by a Participant in the name of an Account or Customer that has a clearing account with a Clearing Member as set forth in Rule 533(b). Bids and offers posted on the CLOB are anonymous and will be matched on a price/time priority basis.

RULE 522.B. Permitted Transactions

The following execution methods are available for Permitted Transactions

- (a) Order Book;
- (b) Request For Quote Functionality
- (c) Manual Order Ticket

RULE 522.C. Package Transactions

(a) Other than as set forth in Rule 522.C(b), a Package Transaction or a component of a Package Transaction that is a Required Transaction must be executed as provided in Rule 522.A.

(b) A Covered Package Transaction or a component of a Covered Package Transaction that is a Required Transaction may be executed by any means of execution for Permitted Transactions in accordance with CFTC No-Action Letter 14-137.

RULE 522.D. Execution of Swaps Subject to the Clearing Exemption

No Participant shall enter into a Clearing Exempt Transaction unless it (or its Account or Customer) or its Counterparty can claim a Clearing Exception with respect to such Clearing Exempt Transaction. An Order for a Clearing Exempt Transaction will be rejected if an applicable Clearing Exception Form is not on file with BSEF.

RULE 522.E. Block Trades

- (a) In accordance with CFTC No-Action Letter 14-118, which expires December 15, 2015 at 12:00 a.m. EST, until December 15, 2015 Block Trades in Cleared Swaps may be executed using the Request for Quote Functionality and reported to an SDR as set forth in BSEF Rule 532(d).
- (b) Each Counterparty to a Block Trade must be an ECP.
- (c) The aggregation of Orders for different accounts in order to satisfy the Minimum Block Trade size is permissible only by a Person who is a Qualified Account Manager.
- (d) A Qualified Account Manager transacting an aggregated Block Trade on behalf of any other Person must receive prior Written instruction or consent from each such other Person to do so. Such instruction or consent may be provided in the power of attorney or similar document by which the other Person provides the Person with discretionary trading authority or the authority to direct the trading in its account.

RULE 523. Trade Confirmations

- (a) BSEF will confirm each Trade at the same time as execution of the Trade. BSEF will provide each Counterparty to a Trade that is entered into on or pursuant to the BSEF Rules with a Written record of all of the terms of the Trade which shall legally supersede any previous agreement and serve as a confirmation of the transaction (a "Confirmation") as soon as technologically practicable after the execution of a Trade. Such terms shall legally supersede any previous agreement and serve as a confirmation of the Trade. BSEF will not include specific customer identifiers for accounts included in Bunched Orders if the applicable requirements of CFTC Regulation 1.35(b)(5) are met.
 - (b) On the Confirmation BSEF will:
 - (i) provide USI for the Trade and the name of the SDR where the Trade is reported;
 - (ii) identify the Counterparty that is a Reporting Counterparty pursuant to CFTC Regulation 45.8, and notify each Counterparty or its agent if the

- Counterparty is a Reporting Counterparty, using the information provided by a Participant pursuant to Rule 524.A or 524.C; and
- (iii) if each Counterparty has equal reporting status under CFTC Regulation 45.8 BSEF will designate the Reporting Counterparty using the following rules:
 - For rates asset class, the Reporting Counterparty will be determined in accordance with the ISDA Dodd-Frank Act Swap Transaction Reporting Party Requirements, the relevant portion of which is attached to this Rulebook as Annex A;
 - For credit asset class, the Reporting Counterparty is the seller of protection;
 - For foreign exchange, commodity and equity asset class: the Reporting Counterparty is the liquidity provider. A "liquidity provider" is a Person that: (i) for RFQ, provided the responses to an RFQ that led to the reported Trade; or (ii) for an Order Book, provided the first quote that led to the reported Trade.
- (c) With respect to any Swap that is not a Cleared Swap, a Confirmation shall for purposes of Commission Regulation 37.6(b) consist of the Trade Communication and the Terms Incorporated by Reference. In the event of any conflict between (x) the Trade Communication and (y) the Terms Incorporated by Reference, the Trade Communication shall prevail to the extent of any inconsistency.

"Trade Communication" shall mean a Written communication provided by BSEF to each Participant involved in a Trade containing the economic terms of the Trade agreed by the Participants on the SEF operated by BSEF.

"Terms Incorporated by Reference" shall mean the documents and agreements (including, without limitation, ISDA master agreements, other master agreements, terms supplements, master confirmation agreements, and incorporated industry definitions) governing such Trade memorialized in the Trade Communication and existing at the time of execution of the Trade.

RULE 524. Order Entry Requirements

RULE 524.A. General

Each Authorized Trader entering an RFQ or Order with respect to any Swap traded on the SEF operated by BSEF must include with the Order, as applicable:

- (a) the Trader ID;
- (b) the Participant ID;

- (c) the Legal Entity Identifier of the Participant or Account Manager placing the RFQ or Order, if available;
- (d) the Counterparty's Legal Entity Identifier;
- (e) the Swap description or code;
- (f) the price or yield, quantity, maturity or expiration date of the Swap;
- (g) side of the Order;
- (h) the CTI code;
- (i) Trading Accounts and other relevant account(s);
- (j) a yes/no indication of whether the Counterparty is a Swap Dealer with respect to the Swap with respect to which the Order is placed;
- (k) a yes/no indication of whether the Counterparty is a Major Swap Participant with respect to the Swap with respect to which the Order is placed;
- (l) a yes/no indication of whether the Counterparty is a Financial Entity;
- (m) a yes/no indication of whether the Counterparty is a U.S. person;
- (n) a yes/no indication that a Swap is an inter-affiliate Swap that should not be subject to the real-time reporting requirements;
- (o) a yes/no indication of the Clearing Exception;
- (p) an indication of whether the Swap is a leg of a Package Transaction that is a Swap subject to (i) the trade execution requirement of Section 2(h)(8) of the Act and (ii) relief granted by CFTC No-Action Letter 14-137;
- (q) if applicable, other terms of a Swap that is not a Cleared Swap required by BSEF (e.g., type of Clearing Exception, collaterization); or
- (r) if the Swap will be allocated:
 - (i) an indication that the Swap will be allocated; and
 - (ii) the Legal Entity Identifier of the Account Manager.

RULE 524.B. Customer Type Indicator (CTI) Codes

Each Participant must identify each transaction submitted to the SEF operated by BSEF with the correct customer type indicator code (a "CTI" code). The CTI codes are as follows:

- CTI 1- Transactions executed by a Participant for its own account, for an account it controls, or for an account in which it has an ownership or financial interest.

 Applies to Trades placed by Account Managers and proprietary traders other than FCMs and Introducing Brokers.
- CTI 2- Transactions executed for the Proprietary Account of a Participant. Applies to FCMs and Introducing Brokers trading for their Proprietary Accounts.
- CTI 3- Orders that a Participant executes on behalf of another Participant, or for an account such other Participant controls or in which such other Participant has an ownership or financial interest. Applies to Trades placed by a DMA Customer using the Participant ID of the Sponsoring Broker.
- CTI 4- Any transaction not meeting the definition of CTIs 1, 2 or 3. Applies to Trades placed by FCMs and Introducing Brokers for their Customers and anything else.

RULE 524.C. Pre-Arranged Transactions

All Trades executed in accordance with Rule 531, unless otherwise exempted by a Rule, must be in the form of a Written or electronic record and include in the Order ticket all information required by Rule 524.A.

RULE 525. Position Limits

- (a) To reduce the potential threat of market manipulation or congestion, BSEF shall adopt for each of the contracts of the SEF operated by BSEF, as is necessary and appropriate, position limitations for speculators. Where the CFTC has established a position limit for any Swap, BSEF's position limit for that Swap shall not be higher than such limit established by the CFTC. Such limits will apply only with respect to trading on the SEF operated by BSEF.
- (b) Except as otherwise provided by the BSEF Rules, no Person, including a Participant, may hold or control a position in excess of such position limits and a Participant may not maintain a position in excess of such position limits for an Account or Customer if such Participant knows, or with reasonable care should know, that such position will cause such Account or Customer to exceed the applicable position limits.
- (c) Position limits shall apply to (i) all positions in accounts for which any Person, by power of attorney or otherwise, directly or indirectly holds positions or controls trading, and (ii) positions held by two or more Persons acting pursuant to an expressed or implied agreement or understanding, as if the positions were held by, or the trading of the positions were done by, a single Person.

(d) For Required Transactions, BSEF will enforce position limits only for Trades executed on the SEF operated by BSEF. For Permitted Transactions, BSEF will demonstrate compliance with CFTC Regulation 37.600 by sending the CFTC a list of Permitted Transactions traded on the SEF operated by BSEF.

RULE 526. Exemptions from Position Limits

Any Person seeking an exemption from the position limits referred to in Rule 525 must file an application with BSEF. BSEF shall notify the applicant whether the exemption has been approved and whether BSEF has imposed any limitations or conditions on the exemption. The decision of BSEF shall be final.

RULE 527. Position Accountability

- (a) To reduce the potential threat of market manipulation or congestion, BSEF shall adopt for each of the contracts of the SEF operated by BSEF, as is necessary and appropriate, position accountability levels for speculators. Any Person, including a Participant, who owns or controls Swaps in excess of the applicable position accountability level shall provide to BSEF at its request any information regarding the nature of the position, trading strategy or hedging activities, if applicable, and if ordered by BSEF, shall not increase the size of any such position.
- (b) For purposes of this Rule, all positions in accounts for which a Person, by power of attorney or otherwise, directly or indirectly controls trading shall be included with the positions held by such Person. The provisions of this Rule shall apply to positions held by two or more Persons acting pursuant to an expressed or implied agreement or understanding, as if the positions were held by a single Person.

RULE 528. Bunched Orders and Orders Eligible for Post-Execution Allocation

- (a) Only the following categories of Persons may place a Bunched Order to be allocated post-execution on the SEF Platform or that is subject to BSEF Rules:
 - (i) a commodity trading advisor registered with the Commission pursuant to the Act or excluded or exempt from registration under the Act or the CFTC Regulations, except for entities exempt under CFTC Regulation 4.14(a)(3);
 - (ii) an investment adviser registered with the SEC pursuant to the Investment Advisers Act of 1940 or with a state pursuant to applicable state law or excluded or exempt from registration under the Investment Advisers Act of 1940 or applicable state law or rule;
 - (iii) a bank, insurance company, trust company, or savings and loan association subject to federal or state regulation;
 - (iv) a foreign adviser that exercises discretionary trading authority solely over the accounts of non-U.S. persons, as defined in CFTC Regulation 4.7(a)(1)(iv);

- (v) a Futures Commission Merchant registered with the Commission pursuant to the Act; or
- (vi) an Introducing Broker registered with the Commission pursuant to the Act.
- (b) Bunched Orders must be allocated and recorded in accordance with CFTC Regulation 1.35(b)(5) and the NFA's Interpretative Notice related to Compliance Rule 2-10.
- (c) Bunched Orders may be entered using an Account Series Designation or suspense account number; provided, however that:
 - (i) the Order is being placed by an Account Manager for multiple accounts eligible for post-execution allocation; or
 - (ii) a Written, pre-determined allocation scheme that defines the series has been provided to the FCM accepting or clearing the Order prior to the time that such Order is entered. In the latter case, if such information has not been provided to the FCM prior to the time of Order enter, each specific account number must be provided to BSEF. Additionally, for all such Bunched Orders executed on the SEF Platform or subject to BSEF Rules, the final account-specific allocations must be provided to BSEF no later than the End of Trading.

RULE 529. Orders Entered Prior to SEF Opening

Participants are prohibited from sending any Request for Quote or Order or using an Order Book or any other facility of BSEF prior to the opening of the trading session.

RULE 530. Identification of Authorized Traders

Each Authorized Trader shall be identified to BSEF and shall be subject to the BSEF Rules. It is the duty of the Participant to ensure that Authorized Trader (and Trader ID) registration is current and accurate at all times. Each individual must use a Trader ID to access the SEF operated by BSEF. In no event may a Person enter an RFQ or Order or permit the entry of an RFQ or Order by an individual using a user Trader ID other than the individual's own Trader ID.

RULE 531. Pre-Arranged Transactions

RULE 531.A. Block Trades

- (a) Each buy or sell Order underlying a Block Trade must (1) state explicitly that it is to be, or may be, executed by means of a Block Trade and (2) comply with any other applicable CFTC Regulations governing Block Trades.
- (b) Each Person transacting a Block Trade shall be a Participant and shall comply with all applicable BSEF Rules other than those which by their terms only apply to trading through the SEF Platform.

- (c) Each Counterparty to a Block Trade must be an ECP.
- (d) A Block Trade must be reported to the SEF operated by BSEF. A Block Trade must be reported to the SEF operated by BSEF by one Counterparty (or a Participant acting on behalf of such Counterparty) and confirmed by the other Counterparty (or a Participant acting on behalf of such Counterparty) as soon as practicable after its execution, but may not be submitted any later than 10 minutes after the execution of the Block Trade. Each Block Trade must state the time of execution to the nearest millisecond.
- (e) BSEF will review the information submitted by the Participant(s) for the Block Trade and will report the Block Trade as required by Part 43 and Part 45 of the CFTC Regulations if the details are complete and accurate in accordance with this Rule. A Participant that executes a Bunched Order as a Block Trade must comply with Rule 524.C. A Participant that executes a Bunched Order as a Block Trade must provide BSEF with the allocation information as soon as practicable.
 - (f) Block Trades shall not trigger unexecuted Orders.
- (g) Each Participant or Account Manager that is a party to a Block Trade or executes a Block Trade on behalf of its Accounts or Customers must comply with the recordkeeping requirements set forth in Rule 409.A(c). Upon request by BSEF, such Participant shall produce satisfactory evidence, including the order ticket referred to in the preceding sentence, that the Block Trade meets the requirements set forth in this Rule 531.A.
- (h) Any Block Trade in violation of these requirements shall constitute conduct which is inconsistent with just and equitable principles of trade.
- (i) The aggregation of Orders for different accounts in order to satisfy the Minimum Block Trade size is permissible only by a Person who is a Qualified Account Manager.
- (j) A Qualified Account Manager transacting an aggregated Block Trade on behalf of any other Person must receive prior Written instruction or consent from each such other Person to do so. Such instruction or consent may be provided in the power of attorney or similar document by which the other Person provides the Person with discretionary trading authority or the authority to direct the trading in its account.

RULE 531.B. Complex Permitted Transactions

- (a) Two Participants may arrange bilaterally a Complex Permitted Transaction subject to BSEF Rules outside the SEF Platform.
- (b) A Complex Permitted Transaction shall comply with all applicable BSEF Rules other than those which by their terms apply only to execution through the SEF Platform.
- (c) A Complex Permitted Transaction must be reported to BSEF as soon as technologically practicable but no later than 10 minutes after the arrangement is made.

(d) A Complex Permitted Transaction shall not be executed and binding on the Counterparties until received by BSEF and confirmed by BSEF in accordance with Rule 523.

A "Complex Permitted Transaction" means a complex multi-legged transaction for which electronic methods of execution on the SEF Platform have not yet been developed. Such transactions must be composed of Swaps listed on the SEF operated by BSEF and each leg must be a Permitted Transaction.

RULE 531.C. Covered Package Transactions

Two Participants may arrange bilaterally a Covered Package Transaction subject to BSEF Rules outside the SEF Platform; <u>provided</u>, <u>however</u>, that each component of such Covered Package Transaction that is a Required Transaction must be executed on the SEF Platform. Such Required Transaction may be executed via execution methods for Permitted Transactions.

RULE 532. Reporting to SDR

- (a) BSEF will report each Trade to an SDR of BSEF's choice as soon as technologically practicable after the execution of such Trade. BSEF will report all real-time data required by Part 43 of the CFTC Regulations and all creation data required by Part 45 of the CFTC Regulations.
- (b) The Reporting Counterparty designated in accordance with subsection (b) of Rule 523 shall comply with all reporting obligations set forth in Part 45 of the CFTC Regulations applicable to a Reporting Counterparty including reporting Trade allocations.
- (c) BSEF will report the actual notional or principal amount of a Block Trade to the appropriate SDR as set forth in Part 43 and Part 45 of the CFTC Regulation.
- (d) A Participant that is a Reporting Counterparty or the Account Manager or broker for a Reporting Counterparty may instruct BSEF to report a Trade executed pursuant to BSEF Rules 522.E or 531.A as a "block trade" for purposes of Part 43 of CFTC Regulations.
- (e) Each Participant that is the Reporting Counterparty, or an Account Manager or broker for a Reporting Counterparty shall review the Trade details as soon as technologically practicable upon transmission of the Trade details to the Participant. The non-reporting counterparty shall report any errors in such Trade details to the Reporting Counterparty as soon as technologically practicable. The Reporting Counterparty shall report all errors in such Trade details to BSEF as soon as technologically practicable after finding or being made aware of any error or omission in the data as reported and/or maintained by the relevant SDR. BSEF shall then submit the corrected data to the relevant SDR.
- (f) No Person, including BSEF, shall submit or agree to submit a cancellation or correction for the purpose of re-reporting Swap transaction and pricing data in order to gain or extend a delay in public dissemination of accurate Swap transaction or pricing data or to otherwise evade the reporting requirements in Part 43 of the CFTC Regulations.
 - (g) BSEF will report Trades to an SDR as set forth below:

- (i) Cleared Swaps all asset classes: BSEF reports to BSDR LLC, except as described in subsection (iv) below;
- (ii) Non-Cleared Swaps rates, credit and foreign exchange asset classes: BSEF reports to DTCC Data Repository (U.S.) LLC ("DDR");
- (iii) Non-Cleared Swaps commodity asset class: BSEF reports to DDR or ICE Trade Vault, LLC ("ICE Trade Vault"). Unless a Participant that is the reporting counterparty or Participant acting as an agent for the reporting counterparty requests BSEF to report all Trades in commodity asset class to ICE Trade Vault, BSEF will report all non-cleared swaps of such reporting counterparty to DDR;
- (iv) Package Transactions where at least one leg is a Non-Cleared Swap: BSEF reports all legs of the Package Transaction to DDR; and
- (v) Package Transactions where all Swap legs are Cleared Swaps: BSEF reports all Swap legs of the Package Transactions to BSDR.

RULE 533. Cleared Swaps

- (a) Each Cleared Swap shall be cleared through the Clearing House indicated in the Swap Specification in accordance with the CEA and the CFTC Regulations.
- (b) For each Cleared Swap a Participant expects to enter into via the SEF Platform or subject to BSEF Rules, the Participant or an Account or Customer of the Participant must establish a clearing account with the Clearing House or with a Clearing Member of the Clearing House, in each case, designated in the Swap Specification for such Cleared Swap.
- (c) All Trades in Cleared Swaps by a Participant or its Account or Customer must be guaranteed to the Clearing House by a Clearing Member following the Clearing Member's acceptance of such Trade for clearing.
- (d) BSEF shall submit each Trade to the Clearing House specified in the Swap Specifications. If BSEF receives a notice from the Clearing House rejecting a Trade for clearing, such Trade is void ab initio.
- (e) BSEF will provide each Clearing Member with tools to screen each Order or RFQ in Cleared Swaps based on criteria established by such Clearing Member. If an Order or an RFQ fails to satisfy the criteria established by the Clearing Member, BSEF will reject the Order or will not allow the RFQ to be sent.

RULE 534. Non-Cleared Swaps

(a) Any Participant that is a Swap Dealer or Major Swap Participant, or if neither Counterparty is a Swap Dealer or Major Swap Participant, the Participant that is the Reporting Counterparty, that places an Order or sends or responds to an RFQ with respect to a Non-Cleared Swap shall ensure that there is a Non-Cleared Swap Agreement between the Participant or its Account, as applicable, and the prospective Counterparty to such Swap prior to placing such

Order or sending or responding to such RFQ. Both Participants involved in execution of a Non-Cleared Swap (whether in a principal capacity or in their capacity as agents on behalf of their respective Accounts or Customers) shall, upon the request of BSEF, make available to BSEF any terms of such Non-Cleared Swap that are not reflected in the applicable Swap Specification and shall comply with Order entry requirements for Non-Cleared Swaps that BSEF shall establish from time to time.

(b) Each Participant involved in a Prime Broker Trade must notify the Prime Broker as soon as technologically possible of each Prime Broker Trade executed pursuant to the Rules of BSEF to which the Prime Broker is a Counterparty, and provide to the Prime Broker the Confirmation for the Prime Broker Trade issued by BSEF.

RULE 535. Risk Controls

- (a) BSEF may, in its sole discretion, reject any RFQ or Order or Block Trade placed or reported on the SEF Platform if such RFQ or Order or Block Trade is in violation of any BSEF Rule or Applicable Law.
- (b) BSEF shall have the right to take any action to reduce the potential of market disruption, including market restrictions that pause or halt trading in market conditions prescribed by BSEF if such action is in the best interest of the swap markets.
- (c) BSEF shall have the right in its sole discretion to cancel Trades executed at prices outside the No-Bust Range. "No-Bust Range" shall mean the price of a Swap that is no more than 30% higher or lower than the prior Business Day's Daily Settlement Price for such Swap.
- (d) If a Swap affected by any action of BSEF under this Rule 535 is fungible with, linked to, or a substitute for, other Swaps on the SEF operated by BSEF, BSEF may apply the same action to any such other Swaps.
- (e) If a Swap is fungible with, linked to or a substitute for a financial instrument trading on another trading venue, including any trading venue regulated by the SEC (a "**Linked Swap**"), and such other trading venue placed risk controls on such financial instrument, BSEF shall have the right to place similar risk controls on the Linked Swap.

CHAPTER 6. DISCIPLINARY RULES

RULE 601. General

- (a) Any Person is subject to this Chapter 6 if it is alleged to have violated, to have aided and abetted a violation, to be violating, or to be about to violate, any BSEF Rule or any provision of Applicable Law for which BSEF possesses disciplinary jurisdiction.
- (b) BSEF, through the Compliance Department, the Disciplinary Panel and the Appeals Panel, will conduct inquiries, investigations, disciplinary and appeals proceedings, summary impositions of fines, summary suspensions or other summary actions in accordance with this Chapter 6.

- (c) No SEF Official will interfere with or attempt to influence the process or resolution of any inquiry, investigation, disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary action. No Director will interfere with or attempt to influence the process or resolution of any inquiry, investigation, disciplinary or appeals proceeding and summary imposition of fines, summary suspension or other summary action, except to the extent provided under the BSEF Rules with respect to a proceeding in which the Director is a member of the relevant panel.
- (d) Any Participant, Account Manager, Authorized Trader, Account, Customer, Supervised Person or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF may be represented by counsel during any inquiry, investigation, disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary actions pursuant to this Chapter 6.
- (e) Pursuant to this Chapter 6, BSEF may hold a Participant liable for, and impose sanctions against such Participant, for such Participant's own acts and omissions that constitute a violation as well as for the acts and omissions of each (i) Authorized Trader of such Participant, (ii) Supervised Person of such Participant, (iii) other Person using the Trader ID or login credentials linked to the Participant or Participant ID, or (iv) other agent or representative of such Participant, in each case, that constitute a violation as if such violation were that of the Participant.
- (f) Pursuant to this Chapter 6, BSEF may hold an Authorized Trader liable for, and impose sanctions against him or her, for such Authorized Trader's own acts and omissions that constitute a violation as well as or for the acts and omissions of any other agent or representative of such Authorized Trader that constitute a violation as if such violation were that of the Authorized Trader.
- A Person subject to a disciplinary or appeals proceeding (and any counsel or representative of such Person) and the Compliance Department (and any counsel or representative of the Compliance Department including any Regulatory Services Provider) shall not knowingly make or cause to be made an ex parte communication relevant to the merits of a disciplinary or appeals proceeding to any member of the Disciplinary Panel or Appeals Panel hearing such proceeding. Members of a Disciplinary Panel or Appeals Panel shall not knowingly make or cause to be made an ex parte communication relevant to the merits of a disciplinary or appeals proceeding to any Person subject to such proceeding (and any counsel or representative of such Person) and the Compliance Department (and any counsel or representative of the Compliance Department including any Regulatory Services Provider). Any Person who receives, makes or learns of any communication which is prohibited by this Rule shall promptly give notice of such communication and any response thereto to the Compliance Department and all parties to the proceeding to which the communication relates. A Person shall not be deemed to have violated this Rule if the Person refuses an attempted communication concerning the merits of a proceeding as soon as it becomes apparent the communication concerns the merits.

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RULE 602. Inquiries and Investigation

- (a) The Compliance Department, with the assistance of a Regulatory Services Provider, if necessary, will conduct inquiries and, if applicable, investigations with respect to any matter within BSEF's disciplinary jurisdiction of which it becomes aware or which the Commission requests BSEF to investigate. The Compliance Department will determine the nature and scope of its inquiries and investigations within its sole discretion and will function independently of any commercial interests of BSEF. The Compliance Department's investigation must be completed within 12 months of the date when the Compliance Department commenced its investigation unless there are mitigating factors that may reasonably justify an investigation taking longer than 12 months, including the complexity of the investigation, the number of Participants or individuals involved as potential wrongdoers, the number of potential violations to be investigated, and the volume of documents and data to be examined and analyzed by the Compliance Department.
 - (b) The Compliance Department has the authority to:
 - (i) initiate inquiries and investigations;
 - (ii) prepare investigation reports and provide recommendations concerning initiating disciplinary proceedings;
 - (iii) prosecute alleged violations if a disciplinary proceeding has been authorized; and
 - (iv) represent BSEF on appeals of a Disciplinary Panel decision, the summary imposition of fines, summary suspension or other summary action.
 - (c) Each Participant, Account Manager, Authorized Trader and Supervised Person:
 - (i) is obligated to appear and testify and respond in Writing to requests for information within the time period required by the Compliance Department in connection with: (A) any BSEF Rule; (B) any inquiry or investigation; or (C) any preparation by and presentation during a disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary action by BSEF;
 - (ii) is obligated to produce books, records, papers, documents or other tangible evidence in its, his or her possession, custody or control within the time period required by the Compliance Department in connection with: (A) any BSEF Rule; (B) any inquiry or investigation; or (C) any preparation by and presentation during a disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary action by BSEF; and
 - (iii) may not impede or delay any inquiry, investigation, disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary action.

RULE 603. Investigative Reports

- (a) The Compliance Department will maintain a Written log of all inquiries and investigations and their disposition. The Compliance Department will prepare a Written report of each inquiry and investigation, regardless of whether the evidence gathered during any inquiry or investigation forms a reasonable basis to believe that a violation within BSEF's jurisdiction has occurred or is about to occur or whether the evidence gathered results in closing the matter without further action or through summary action.
- (b) Any such report prepared in accordance with Rule 603(a) will include (i) the reasons the inquiry or investigation was initiated; (ii) a summary of the complaint, if any; (iii) the relevant facts and evidence gathered; (iv) the Compliance Department's analysis, conclusions and recommendations; and (v) the Participant's disciplinary history at BSEF.
- (c) For each potential respondent, the Compliance Department will recommend either (i) closing the investigation without further action; (ii) resolving the investigation through an informal disposition; or (iii) initiating disciplinary proceedings.

RULE 604. Warning Letters

- (a) The Chief Compliance Officer may issue a warning letter without the approval of a Disciplinary Panel in order to close an inquiry or investigation administratively.
- (b) No more than one warning letter may be issued to the same Person or entity for the same Rule violation within a rolling 12-month period.
- (c) Warning letters must contain an affirmative finding that a Rule violation has occurred.

RULE 605. Review of Investigation Reports

- (a) The Chief Compliance Officer will timely review each proposed investigation report received from the Compliance Department to determine whether a reasonable basis exists for finding that a violation of BSEF Rules within BSEF's jurisdiction has occurred or is about to occur. Within 30 days of receipt of the investigation report the Chief Compliance Officer must take one of the following actions:
 - (i) If the Chief Compliance Officer determines that additional investigation or evidence is needed to decide whether a reasonable basis exists to find that a violation of BSEF Rules within BSEF's jurisdiction has occurred or is about to occur, the Chief Compliance Officer will promptly direct the Compliance Department to do at least one of the following:
 - (A) conduct further investigation; and/or
 - (B) gather any necessary new or additional information or evidence from the potential respondents.

- (ii) The Compliance Department will revise the investigation report as necessary to reflect the additional information gathered pursuant to this paragraph (a) and will resubmit a revised proposed investigation report to the Chief Compliance Officer.
- (b) After receiving a completed investigation report, the Chief Compliance Officer will determine for each potential respondent whether to authorize:
 - (i) the commencement of disciplinary proceedings because a reasonable basis exists to believe that a violation BSEF Rules within the BSEF's jurisdiction has occurred or is about to occur and adjudication is warranted;
 - (ii) the informal disposition of the investigation because disciplinary proceedings are unwarranted, in which case the Chief Compliance Officer shall complete the investigation report in compliance with Rule 603; or
 - (iii) the closing of the investigation without any action because no reasonable basis exists to believe that a violation of BSEF Rules within the BSEF's jurisdiction has occurred or is about to occur in which case the Chief Compliance Officer shall complete the investigation report in compliance with Rule 603.

RULE 606. [Reserved]

RULE 607. Notice of Charges

- (a) If the Chief Compliance Officer authorizes disciplinary proceedings pursuant to Rule 605(b)(i), the Compliance Department will prepare, and serve in accordance with Rule 608, a Notice of Charges.
 - (b) A Notice of Charges will:
 - (i) state the acts, practices or conduct that the respondent is alleged to have engaged in;
 - (ii) state the BSEF Rule or provision of Applicable Law alleged to have been violated or about to be violated;
 - (iii) state the proposed sanctions;
 - (iv) advise the respondent of its right to a hearing;
 - (v) state the period of time within which the respondent can request a hearing on the Notice of Charges, which will not be less than 20 days after service of the Notice of Charges;
 - (vi) advise the respondent that any failure to request a hearing within the period stated, except for good cause, will be deemed to constitute a waiver of the right to a hearing;

- (vii) advise the respondent that any allegation in the Notice of Charges that is not expressly denied will be deemed to be admitted; and
- (viii) advise the respondent of its right to be represented by legal counsel or any other representative of its choosing (other than any member of the Disciplinary Panel or any Person substantially related to the disciplinary proceedings such as a material witness or other respondent) in all succeeding sages of the disciplinary process.

RULE 608. Service of Notice of Charges

Any Notice of Charges or other documents contemplated to be served pursuant to this Chapter 6 may be served (and service shall be deemed complete) upon the respondent either personally or by leaving the same at his or her place of business, or by tracked delivery via reputable overnight courier, or by deposit in the United States mail, postage prepaid, via registered or certified mail addressed to the respondent at the address as it appears on the books and records of BSEF.

RULE 609. Answer to Notice of Charges

- (a) If the respondent determines to answer a Notice of Charges, the respondent must file answers within 20 days after being served with such notice, or within such other time period determined appropriate by the Chief Compliance Officer.
 - (b) To answer a Notice of Charges, the respondent must in Writing:
 - (i) specify the allegations that the respondent denies or admits;
 - (ii) specify the allegations that the respondent does not have sufficient information to either deny or admit;
 - (iii) specify any specific facts that contradict the Notice of Charges;
 - (iv) specify any affirmative defenses to the Notice of Charges; and
 - (v) sign and serve the answer on the Chief Compliance Officer.
- (c) Any failure by the respondent to timely serve an answer to a Notice of Charges will be deemed to be an admission to the allegations in such notice. Any failure by the respondent to answer one or more allegations in a Notice of Charges will be deemed to be an admission of that allegation or those allegations. Any allegation in a Notice of Charges that the respondent fails to expressly deny will be deemed to be admitted. A statement of a lack of sufficient information shall have the effect of a denial of an allegation. A general denial by the respondent, without more, will not satisfy the requirements of paragraph (b) above.

RULE 610. Admission or Failure to Deny

(a) If respondent admits or fails to deny any of the charges, the Chief Compliance Officer may find that the violations alleged in the Notice of Charges for which the respondent

admitted or failed to deny any of the charges have been committed. The Chief Compliance Officer then must take the following action:

- (i) impose a sanction for each violation found to have been committed; and
- (ii) notify the respondent in Writing of any sanction to be imposed and advise the respondent that it may request a hearing on such sanction within a specified period of time.
- (b) If a respondent fails to request a hearing within 20 days as specified in the notice described in 610(a)(ii), the respondent will be deemed to have accepted the sanction and will have waived any right to appeal such sanctions.

RULE 611. Denial of Charges and Right to a Hearing

In every instance where a respondent has denied a charge, the respondent shall have a right to request a hearing before the Disciplinary Panel. Except for good cause, the hearing must be limited to only those denied charges for which a hearing has been requested.

RULE 612. Settlements

- (a) A respondent may at any time after the Notice of Charges has been served on the respondent but before disciplinary proceedings have concluded propose in Writing an offer of settlement to anticipated or instituted disciplinary proceedings. Any offer of settlement should contain proposed findings and sanctions and be signed by the respondent and submitted to the Chief Compliance Officer. A respondent may offer to settle disciplinary proceedings without admitting or denying the findings contained in the Notice of Charges but must accept the jurisdiction of BSEF over it and over the subject matter of the proceedings and consent to the entry of the findings and sanctions imposed.
- (b) If a respondent submits an offer of settlement in accordance with paragraph (a) of this Rule, the Chief Compliance Officer will forward the offer to the Disciplinary Panel with a recommendation on whether to accept or reject the offer. The respondent may withdraw such offer of settlement at any time before acceptance by the Disciplinary Panel, but may not withdraw such offer at any time after acceptance by the Disciplinary Panel.
- (c) The Disciplinary Panel must review an offer of settlement within 90 Business Days after the receipt of the offer of settlement by the Chief Compliance Officer unless an extension was agreed by the respondent in Writing. The Disciplinary Panel may review the offer of settlement and determine whether to accept or reject the offer in person, by means of telephone conference or in Writing.
- (d) The Disciplinary Panel may accept the offer of settlement, but may not alter the terms of a settlement offer unless the respondent agrees.
- (e) If an offer of settlement is accepted by the Disciplinary Panel, it shall issue a Written decision specifying:

- (i) the Rule violations it has reason to believe were committed, including the basis or reasons of its conclusions;
- (ii) any sanction to be imposed, which must include full customer restitution where customer harm has been demonstrated;
- (iii) if applicable, that the respondent has accepted the sanctions imposed without either admitting or denying the Rule violations.
- (f) In the event that the Disciplinary Panel accepts an offer of settlement without the agreement of the Compliance Department, the Written decision must adequately support such acceptance.
- (g) If an offer of settlement is accepted and the related Written decision becomes final, the respondent's submission of the offer will be deemed to constitute a waiver of the right to notice, opportunity for a hearing and review and appeal under these Rules.
- (h) If an offer of settlement of a respondent is not accepted by the Disciplinary Panel, fails to become final or is withdrawn by the respondent, the matter will proceed as if the offer had not been made and the offer and all documents relating to it will not become part of the record. Neither a respondent nor the Compliance Department may use an unaccepted offer of settlement as an admission or in any other manner at a hearing of disciplinary proceedings.

RULE 613. Disciplinary Panel

- (a) The Disciplinary Panel is responsible for adjudicating disciplinary cases pursuant to a Notice of Charges authorized by the Chief Compliance Officer.
- (b) Each Disciplinary Panel shall be composed of three individuals selected by the Chief Compliance Officer. Except in cases concerning the timely submission of accurate records, each Disciplinary Panel shall consist of at least one individual who would not be disqualified from serving as a Public Director, who shall chair the Disciplinary Panel. No member of the BSEF Compliance Department or Person involved in adjudicating any other stage of a proceeding shall participate in a Disciplinary Panel for such proceeding.
- (c) A respondent may seek to disqualify any individual on the Disciplinary Panel for the reasons identified in the BSEF Rules or for any other reasonable grounds, by serving Written notice on the Chief Compliance Officer. By not filing a request for disqualification within ten days, the respondent will be deemed to have waived any objection to the composition of a Disciplinary Panel. The Chief Compliance Officer of BSEF will decide the merits of any request for disqualification within his or her sole discretion. Any such decision will be final and not subject to appeal.

RULE 614. Convening Disciplinary Proceeding Hearings

(a) All disciplinary proceedings (except for summary impositions of fines pursuant to Rule 621) will be conducted at a hearing before the Disciplinary Panel. A hearing will be

conducted privately and confidentially. Notwithstanding the confidentiality of hearings, the Disciplinary Panel may appoint an expert to attend any hearing and assist in deliberations if such expert agrees to be subject to an appropriate confidentiality agreement.

- (b) After reasonable notice to each respondent, the Disciplinary Panel will promptly convene a hearing to conduct the disciplinary proceedings with respect to such respondent. Parties to a disciplinary proceeding include each respondent and the Compliance Department including BSEF enforcement staff.
- (c) The chairperson of the Disciplinary Panel may continue, adjourn or otherwise conduct the hearing, as he or she may deem appropriate. The chairperson of the Disciplinary Panel will determine all procedural and evidentiary matters, including the admissibility and relevance of any evidence proffered. In determining procedural and evidentiary matters, the chairperson of the Disciplinary Panel will not be bound by any evidentiary or procedural rules or law. Once admitted during the hearing, the Disciplinary Panel may consider, and attach the weight it believes appropriate to, evidence or other materials. The Chief Compliance Officer of BSEF, or its designee, will provide guidance to the chairperson of the Disciplinary Panel on the conduct of the hearing.
- (d) Except for procedural and evidentiary matters decided by the chairperson of the Disciplinary Panel pursuant to paragraph (c) above and Rule 616, unless each respondent otherwise consents, the entire Disciplinary Panel must be present during the entire hearing and any related deliberations.

RULE 615. Respondent Review of Evidence

- (a) Prior to the commencement of a Disciplinary Panel hearing, each respondent will be given the opportunity to review all books, records, documents, papers, transcripts of testimony and other tangible evidence in the possession or under the control of BSEF that the Compliance Department will use to support the allegations and proposed sanctions in the Notice of Charges or which the chairperson of the Disciplinary Panel deems relevant to the disciplinary proceedings. BSEF may withhold documents that:
 - (i) are privileged or constitute attorney work product;
 - (ii) were prepared by an employee of BSEF but will not be offered as evidence in the disciplinary proceedings;
 - (iii) may disclose a technique or guideline used in examinations, investigations or enforcement proceedings; or
 - (iv) disclose the identity of a confidential source.
- (b) If any books, records, documents, papers, transcripts of testimony, or other tangible evidence contain information that could adversely affect the competitive position of the Person providing the information or if such information might compromise other investigations

being conducted by the Compliance Department, the Compliance Department may redact, edit or code such information before furnishing it to the respondent.

- (c) Notwithstanding anything in paragraph (b) above to the contrary, the Compliance Department:
 - (i) will not redact, edit or code competitive or investigative information contained in documents in a manner that would impair the respondent's ability to defend against the allegations or proposed sanctions in the notices of charges; and
 - (ii) will provide the respondent with access to the information and portions of the documents that the Compliance Department intends to rely on to support the allegations or proposed sanctions in the Notice of Charges.
- (d) For purposes of this Rule 615, information that could adversely affect the competitive position includes positions in Swaps currently held, trading strategies employed in establishing or liquidating positions, the identity of any Participant or Authorized Trader and the personal finances of the Person providing the information.

RULE 616. Conducting Disciplinary Proceeding Hearings

- (a) At a hearing conducted in connection with any disciplinary proceeding, the Compliance Department will present its case supporting the allegations and proposed sanctions in the Notice of Charges to the Disciplinary Panel. If a respondent has timely filed an answer to the Notice of Charges in accordance with Rule 609, the respondent is entitled to attend and participate in the hearing.
- (b) At a hearing conducted in connection with any disciplinary proceedings, the Disciplinary Panel or the Compliance Department and each respondent may:
 - (i) present evidence and facts determined relevant and admissible by the chairperson of the Disciplinary Panel;
 - (ii) call and examine witnesses; and
 - (iii) cross-examine witnesses called by other parties.
- (c) Any Person within BSEF's jurisdiction who is called as a witness must participate in the hearing and produce evidence. BSEF will make reasonable efforts to secure the presence of all other Persons called as witnesses whose testimony would be relevant.
- (d) If the respondent fails to file an answer, has filed a general denial, or if any or all of the allegations in the Notice of Charges are not expressly denied in the respondent's answer, the chairperson of the Disciplinary Panel may limit evidence concerning any allegations not expressly denied in determining the sanctions to impose. If a respondent fails to file an answer but appears at the hearing, the respondent may not participate in the hearing (by calling or cross examining witnesses, testifying in defense, presenting evidence concerning the Notice of

Charges, or otherwise) unless the Disciplinary Panel determines that the respondent had a compelling reason for failing to timely file an answer. If the Disciplinary Panel determines that the respondent had a compelling reason for failing to timely file an answer, the Disciplinary Panel will adjourn the hearing and direct the respondent to promptly file a Written answer in accordance with Rule 609.

- (e) Any Person entitled, or required or called upon, to attend a hearing before a Disciplinary Panel pursuant to paragraph (b)(ii) above will be given reasonable notice, confirmed in Writing, specifying the date, time and place of the hearing, and the caption of the disciplinary proceedings. BSEF will require all Participants (that are individuals), Customers, Account Managers, Authorized Traders and Supervised Persons that are called as witnesses to appear at the hearing and produce evidence. BSEF will make reasonable efforts to secure the presence of all other Persons called as witnesses whose testimony would be relevant.
- (f) If during any disciplinary proceedings the Disciplinary Panel determines that a reasonable basis exists to believe that the respondent violated or is about to violate a BSEF Rule or a provision of Applicable Law other than the violations alleged in the Notice of Charges, the Disciplinary Panel may consider those apparent violations after providing the respondent with an opportunity to answer the additional allegations in accordance with Rule 609. In connection with considering apparent violations pursuant to this paragraph (f), the Disciplinary Panel may request that the Compliance Department provide the Disciplinary Panel with any additional information.
- (g) The Disciplinary Panel may summarily impose sanctions on any Participant, Account Manager, Authorized Trader or Supervised Person that impedes or delays the progress of a hearing.
- (h) BSEF will arrange for any hearing conducted in connection with disciplinary proceedings to be recorded hearing verbatim, or substantially verbatim, in a manner capable of accurate transcription. If the respondent requests a copy of all or portions of the recording of a hearing, the chairperson of the Disciplinary Panel may within his or her sole discretion order the respondent to pay the costs for transcribing the recording of the hearing.
- (i) As promptly as reasonable following a hearing, the Disciplinary Panel will issue a Written decision rendering its decision based on the weight of the evidence contained in the record of the disciplinary proceedings. A decision by a majority of the Disciplinary Panel will constitute the decision of the Disciplinary Panel.
 - (j) No interlocutory appeals of rulings of any Disciplinary Panel are permitted.
- (k) If the respondent has requested a hearing, a copy of the hearing shall be made and shall become a part of the record of the proceeding. The record shall not be required to be transcribed unless:
 - (i) the transcript is requested by Commission staff or the respondent;
 - (ii) the decision is appealed pursuant to the BSEF Rules; or

(iii) the decision is reviewed by the Commission pursuant to section 8c of the Act or Part 9 of CFTC Regulations.

In all other instances, a summary record of a hearing is permitted.

RULE 617. Decision of Disciplinary Panel

- (a) The Disciplinary Panel's Written decision must be based upon the weight of the evidence contained in the record of the proceeding and shall provide a copy to the respondent. The decision shall include:
 - (i) the Notice of Charges or a summary of the charges;
 - (ii) the answer, if any, or a summary of the answer;
 - (iii) a summary of the evidence produced at the hearing or, where appropriate, incorporation by reference of the investigation report;
 - (iv) a statement of findings and conclusions with respect to each charge, and a complete explanation of the evidentiary and other basis for such findings and conclusions with respect to each charge;
 - (v) an indication of each specific Rule that the respondent was found to have violated; and
 - (vi) a declaration of all sanctions imposed against the respondent, including the basis for such sanctions and the effective date of such sanctions.
- (b) The Written decision will become final 20 days after it is served on the respondent and a copy thereof is provided to the Compliance Department.

RULE 618. Sanctions

(a) After notice and opportunity for hearing in accordance with the BSEF Rules, BSEF will impose sanctions if any Participant, Account Manager, Authorized Trader, Supervised Person or other Person using any Trader ID or login credentials linked to the Participant is found to have violated or to have attempted to violate a BSEF Rule or provision of Applicable Law for which BSEF possesses disciplinary jurisdiction. Subject to the limitations set forth in Rule 618(b), BSEF may impose one or more of the following sanctions or remedies: (i) censure; (ii) limitation on Trading Privileges, Trading Access or other activities, functions or operations; (iii) suspension of Trading Privileges or Trading Access; (iv) fine (subject to paragraph (b) below); (v) disgorgement; (vi) termination of Trading Privileges or Trading Access; (vii) in the event of a customer harm, full customer restitution, except where the amount of restitution or to whom it should be provided cannot reasonably be determined; or (viii) any other sanction or remedy deemed to be appropriate. All sanctions, including those imposed pursuant to an accepted settlement offer, shall take into account respondent's disciplinary history.

For purposes of Rule 618(a)(vii), "customer" shall have the meaning set forth in CFTC Regulation 1.3(k).

(b) BSEF may impose a fine of up to \$100,000 for each violation of a BSEF Rule. If a fine or other amount is not paid within 30 days of the date that it becomes payable, then interest will accrue on the sum from the date that it became payable at the quoted prime rate plus three percent. BSEF has sole discretion to select the bank on whose quotations to base the prime rate. Each Participant will be responsible for paying any fine or other amount imposed on, but not paid by, any of its Authorized Traders, Account Managers or Supervised Persons. The following schedule lists the recommended fines that BSEF may impose:

Type of Violation	Fine Per Occurrence ¹		
	First	Second	Third
	Violation	Violation	Violation
Failure to provide information to BSEF as required by	\$1000	\$1500	\$2500
the BSEF Rules			
Impeding or delaying a BSEF examination, inquiry or	\$1000	\$1500	\$2500
investigation undertaken pursuant to BSEF Rule 402			

RULE 619. Costs

- (a) Regardless of the outcome of any disciplinary proceeding, the Disciplinary Panel may order a respondent to pay some or all of the costs associated with the disciplinary proceedings that the Disciplinary Panel believes were unnecessarily caused by the respondent. Costs may include costs associated with the inquiry or investigation, the prosecution by the Compliance Department, legal and professional assistance, as well as the hearing and administrative costs and other expenses incurred by the Disciplinary Panel.
- (b) The Disciplinary Panel may only award costs against BSEF if the Panel concludes that BSEF has behaved in a manifestly unreasonable manner in the commencement or conduct of the disciplinary proceedings in question. The Disciplinary Panel must limit any award of costs against BSEF to an amount that the Panel concludes is reasonable and appropriate, but does not exceed the respondent's costs for external legal or other external professional assistance.
- (c) The Disciplinary Panel may determine the amounts and allocation of costs in any manner it may deem appropriate. BSEF or the respondent will pay any costs ordered to be paid by it by the Disciplinary Panel within 30 days of Written notice of the amount imposed by the Disciplinary Panel.

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¹ Within a "rolling" 12-month period.

RULE 620. Right to Appeal Disciplinary Panel Decision, Summary Impositions of Fines and Other Summary Actions

- (a) Each respondent found by the Disciplinary Panel to have violated (or, in the case of a Participant, whose Authorized Trader, Supervised Person or other Person using its Participant ID was found to have violated) a Rule or who is subject to termination or limitation of Trading Privileges or Trading Access imposed pursuant to Rule 305, any summary fine imposed pursuant to Rule 621 or any summary action imposed pursuant to Rule 622 may appeal the decision within 20 days of receiving the Written decision of the Disciplinary Panel or the notice of summary action, as the case may be, by filing a notice of appeal with the Chief Compliance Officer.
- (b) BSEF may appeal all or any part of a decision of the Disciplinary Panel, including any sanctions that may or may not have been imposed by the Disciplinary Panel, within 20 days of receiving the Written Decision of the Disciplinary Panel, by filing a notice of appeal with the Chief Compliance Officer.
- (c) While an appeal is pending, the effect of the Written decision of the Disciplinary Panel or the summary action (including any sanctions, remedies or costs imposed thereby) shall be suspended.
- (d) The notice of appeal must state in writing the grounds for appeal, including the findings of fact, conclusions or sanctions to which the appellant objects. An appellant may appeal the Written decision of the Disciplinary Panel or any summary action on the grounds that:
 - (i) the Written decision or summary action was arbitrary, capricious, an abuse of discretion, or not in accordance with these Rules;
 - (ii) the Written decision or summary action exceeded the authority or jurisdiction of the Disciplinary Panel, the Chief Compliance Officer or BSEF;
 - (iii) the Written decision or summary action failed to observe required procedures;
 - (iv) the Written decision or summary action was unsupported by the facts or evidence; or
 - (v) the sanctions, remedies or costs which were imposed were inappropriate or unsupported by the record.
- (e) The Chief Compliance Officer will forward copies of any notice of appeal received by it to all parties to the disciplinary proceeding or summary action, as the case may be, except the appellant. On or before the 20th day after filing a notice of appeal, the appellant must file with the Chief Compliance Officer and serve on BSEF a brief supporting the notice of appeal and documents supporting the brief. On or before the 20th day after the date on which the appellant serves its supporting brief, the appellee must file and serve its brief in opposition. On

or before the 10th day after the date on which the appellee serves its brief in opposition, the appellant must file and serve on BSEF a brief in reply.

- (f) In connection with any appeal, BSEF will furnish to the Chief Compliance Officer and to the respondent/appellant a transcript of the hearing, any exhibits introduced at the hearing, the notice of appeal and briefs filed to support and oppose the appeal.
- (g) No later than 30 days after the last submission filed pursuant to paragraph (e) of this Rule 620, the Chief Compliance Officer will appoint an Appeals Panel to consider and determine the appeal. An Appeals Panel shall be comprised of three individuals, none of whom shall be a member of the Compliance Department or have been a member of any Disciplinary Panel involved in the matters on appeal. The chairperson of the Appeals Panel shall be an individual who would not be disqualified from serving as a Public Director.
- (h) Within 10 days of being notified of the appointment of the Appeals Panel, an appellant or appellee may seek to disqualify any individual named to the Appeals Panel for the reasons identified in these Rules, by serving Written notice on the Chief Compliance Officer. By not timely filing a request for disqualification, the appellant or appellee will be deemed to have waived any objection to the composition of the Appeals Panel. The Chief Compliance Officer will decide the merits of any request for disqualification within his or her sole discretion. Any such decision will be final and not subject to appeal.
- (i) The Appeals Panel may hold a hearing to allow parties to present oral arguments. Any hearing will be conducted privately and confidentially. Notwithstanding the confidentiality of hearings, the Appeals Panel may appoint an expert to attend any hearing and assist in the deliberations if such individual(s) agree to be subject to appropriate confidentiality agreements. In determining procedural and evidentiary matters, the Appeals Panel will not be bound by evidentiary or procedural rules or law.
- (j) The Appeals Panel will only consider on appeal the record before the Disciplinary Panel or, in the case of a summary action, the record considered by the Chief Compliance Officer, the notice of appeal, the briefs filed in support and opposition of the appeal, and any oral arguments of the parties. The Appeals Panel may only consider new evidence when the Appeals Panel is satisfied that good cause exists for why the evidence was not introduced during the disciplinary proceeding or when imposing the summary action.
- (k) After completing its review, the Appeals Panel may affirm, modify or reverse any Written decision of the Disciplinary Panel or summary action under appeal, in whole or in part, including increasing, decreasing or eliminating any sanction or remedy imposed, imposing any other sanction or remedy authorized by these Rules, or remanding the matter to the same or a different Disciplinary Panel for further disciplinary proceedings or for reconsideration by the Chief Compliance Officer in the case of summary action. The Appeals Panel may order a new hearing for good cause or if the Appeals Panel deems it appropriate.
- (l) As promptly as reasonably possible following its review, the Appeals Panel will issue a Written decision on appeal rendering its decision based on the preponderance of the evidence before the Appeals Panel. The decision of the Appeals Panel will include a statement

of findings of fact and conclusions for each finding, sanction, remedy and cost reviewed on appeal, including each specific Rule and provision of Applicable Law that the respondent is found to have violated, if any, and the imposition of sanctions, remedies and costs, if any, and the effective date of each sanction, remedy or cost.

(m) The Appeals Panel's Written order on appeal (including findings of fact and conclusions and the imposition of sanctions, remedies and costs, and the effective date of any sanction, remedy cost) will be the final action of BSEF and will not be subject to appeal within BSEF.

RULE 621. Summary Imposition of Fines

- (a) The Chief Compliance Officer may summarily impose a fine against a Participant (on behalf of the Participant or any of its Authorized Traders, Account Managers, Supervised Persons or other Persons using any Trader IDs) for failing:
 - (i) to make timely payments of fees, cost, charges or fines to BSEF;
 - (ii) to make timely and accurate submissions to BSEF of notices, reports or other information required by the BSEF Rules; or
 - (iii) to keep any books and records required by the BSEF Rules.
- (b) The Compliance Department, acting on behalf of the Chief Compliance Officer, will give notice of any fine imposed pursuant to this Rule 621 to each Participant subject thereto. The notice will specify (i) the violations of the BSEF Rules for which the fine is being imposed, (ii) the date of the violation for which the fine is being imposed and (iii) the amount of the fine. Within 20 days of serving the notice of fine, the Participant must either pay or cause the payment of the fine. The fine will become final upon the expiration of 20 days after the notice of fine is served on the Participant.
- (c) BSEF will set the amount of any fines imposed pursuant to this Rule 621, with the maximum fine for each violation not to exceed \$5,000. Summary imposition of fines pursuant to this Rule 621 will not preclude BSEF from bringing any other action against the Participant (or any of its Account Managers, Authorized Traders or Supervised Persons) or Authorized Trader, as the case may be. The following schedule lists the recommended summary fines that BSEF or the Chief Compliance Officer may impose:

Type of Violation	Fine Per Occurrence ²		
	First	Second	Third
	Violation	Violation	Violation
Failure to maintain complete and accurate books and	\$1000	\$1500	\$2500
records as required by BSEF Rule 409.B			
Failure to provide any disclosure required by BSEF Rule	\$1000	\$1250	\$1500

² Within a "rolling" 12-month period.

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Failure to identify and maintain a current list of	\$1000	\$1250	\$1500
Authorized Traders as required by BSEF Rule 530			
Violation of Order entry requirements pursuant to Rule	\$1250	\$1500	\$1750
524, including failure to provide an accurate Legal Entity			
Identifier			
Violation of Trade reporting requirements	\$1250	\$1500	\$1750
Violation of the requirements to timely report a block	\$1250	\$1500	\$1750
trade pursuant to Rule 531.A(d)			

RULE 622. Hearings Involving BSEF-Affiliated Trading Entities

- (a) No BSEF employee that is also an employee of an affiliate of BSEF that engages in trading activity shall perform an investigation of such affiliated trading entity.
- (b) In the event that a Disciplinary Panel is convened for a hearing involving an affiliated trading entity, no Person associated with BSEF or such affiliated trading entity shall be a member of such Disciplinary Panel.
- (c) The Board must approve the issuance of disciplinary charges and acceptance of settlement offers involving an affiliated trading entity.

RULE 623. [Reserved]

RULE 624. Notice to the Respondent, the Regulatory Services Provider and the Public

BSEF will provide Written notice of disciplinary proceedings to the parties consistent with applicable CFTC Regulations. Whenever BSEF suspends, expels, fines or otherwise disciplines, or denies any Person access, to BSEF, BSEF will make the disclosures required by CFTC Regulations.

CHAPTER 7. ARBITRATION

RULE 701. General

(a) Except as otherwise provided in these Rules, Participants, Authorized Traders and any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF shall submit to the NFA for arbitration all disputes, controversies and claims between or among themselves arising out of a Swap or the use of the systems or services of BSEF or the services, equipment, or facilities used to support such systems or services, including the SEF Platform and the SEF operated by BSEF (each, a "**Dispute**"). Any such claim against a Participant shall be brought within two years from the time that a cause of action has accrued. This Rule 701 shall in no way be construed to create a cause of action and shall not authorize an action that would otherwise be prohibited by these Rules or Applicable Law. In the event that

this Rule 701 is held to be unenforceable in connection with any Dispute or a claim is deemed by a court of competent jurisdiction to be not arbitrable, (i) exclusive jurisdiction for any such Dispute will reside in any state or federal court sitting in New York County, New York, (ii) the Participants involved in the Dispute will be presumed to have submitted to the personal jurisdiction of any such court, and (iii) an action to enforce any judgment or decision of such court may be brought in the same court or in any other court with jurisdiction or venue. Finally, all Participants unconditionally and irrevocably waive any and all right to trial by jury in connection with any such Dispute.

(b) Notwithstanding the foregoing, this Rule 701 does not apply to Disputes between Participants, Authorized Traders or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF that: (i) such Persons are required by the Rules of a Self-Regulatory Organization to submit to the Dispute resolution procedures of that Self-Regulatory Organization; or (ii) such Persons have, by valid and binding agreement, committed to negotiate or litigate in a forum other than the forum set out in Rule 702.

RULE 702. Forum and Arbitration Rules

NFA will conduct any and all arbitrations of a type described in Rule 701 pursuant to NFA's Member Arbitration Rules, as if each Participant or Authorized Trader to such arbitration was an "NFA Member".

RULE 703. Initiating an Arbitration Claim

- (a) A Participant or Authorized Trader may initiate an arbitration claim by submitting the required documents and fees to NFA.
- (b) A Participant or Authorized Trader submitting an arbitration claim shall provide notice of such claim to BSEF.

RULE 704. Claims Relating to Trade Cancelations or Price Adjustments

All claims relating to Trade cancelations pursuant to Rule 516 shall be arbitrated in accordance with this Chapter 7.

RULE 705. Penalties

- (a) Any failure on the part of any Participant or Authorized Trader to arbitrate a case subject to arbitration, or the commencement by any such Participant or its Person of a suit in any court prior to arbitrating a case subject to arbitration, violates these Rules and subjects such Person to disciplinary proceedings pursuant to Chapter 6.
- (b) BSEF may summarily suspend, pursuant to Chapter 6, a Participant or Authorized Trader that fails to satisfy an arbitration award rendered in any arbitration conducted pursuant to this Chapter 7.

CHAPTER 8. MISCELLANEOUS

RULE 801. Anti-Money Laundering and Anti-Terrorism

- (a) It is SEF policy: (1) Not to engage in or knowingly assist any money laundering or other illicit business, and (2) Not to engage in or knowingly assist, or be a conduit for, terrorist financing.
- (b) Participants will be required to provide sufficient information for Participants and their Accounts, if applicable, for SEF to complete "know your customer" checks and to conduct restricted list searches, including searches against the Specially Designated Nationals and Blocked Persons list maintained by the Office of Foreign Assets Control of the U.S. Department of the Treasury.

RULE 802. Gifts and Gratuities

Except as permitted in Writing by the Chief Compliance Officer, no Participant or Authorized Trader shall, directly or indirectly, give or permit to be given anything of value (including gratuities) to a SEF Official or BSEF, including any agents or independent contractors of BSEF. A gift of any kind is considered a gratuity.

RULE 803. Market Data

- (a) Subject to each Participant's rights in Participant's own data (and the data of its Accounts and Customers) as set forth in the Participant Documentation, BSEF shall own all rights, title and interest, database rights and trade secret rights in and to all data and other information contained in, displayed on, generated by or derived from the SEF Platform or the SEF operated by BSEF or Trades entered into pursuant to the BSEF Rules, including Orders, prices and volumes ("SEF Data").
- (b) Participants and Authorized Traders shall not, and shall cause their Affiliates, Accounts and Customers not to, distribute, sell or retransmit SEF Data or other information obtained via the SEF operated by BSEF, provided that any such restrictions shall not apply to Participant's own data (and the data of its Accounts and Customers).
- (c) BSEF may at any time restrict or establish utilization fees in respect of SEF Data and/or the format and presentation thereof with respect to Participants, Customers or Accounts, provided that any such fees shall not apply to Participants' use of Participant's own data (and the data of its Accounts and Customers).
- (d) Subject to Rule 805, BSEF may make SEF Data and other information it may deem appropriate available to Participants and other Persons at such times and in such manner (whether through the SEF Platform, a ticker, financial information services or otherwise) as it may consider necessary or advisable from time to time. Each Participant or other Person receiving any such information through the SEF operated by BSEF may redistribute such

information only to such extent and in such manner as may be permitted by BSEF from time to time.

RULE 804. Prohibited Use of Data Collected for Regulatory Purposes

BSEF shall not use for business or marketing purposes any proprietary data or personal information it collects or receives, from or on behalf of any person, for the purpose of fulfilling its regulatory obligations; provided, however, that BSEF may use such data or information for business or marketing purposes if the Person from whom it collects or receives such data or information clearly consents in Writing to BSEF's use of such data or information in such manner. BSEF shall not condition access to its market(s) or market services on a Person's consent to BSEF's use of proprietary data or personal information for business or marketing purposes. BSEF, where necessary for regulatory purposes, may share such data or information with one or more SEFs or DCMs registered with the CFTC.

RULE 805. Confidentiality

- (a) All non-public information provided by a Participant or Authorized Trader to BSEF shall be held in confidence and shall not be made known to any other Person except as follows:
 - (i) with the consent of the Participant or Authorized Trader providing such information;
 - (ii) to a Governmental Body if BSEF is requested or legally required to do so by such Governmental Body;
 - (iii) pursuant to a lawful discovery request;
 - (iv) to a Derivatives Clearing Organization of which such Participant is a member or in connection with the clearing of a Swap;
 - (v) to a Swap Data Repository;
 - (vi) subject to appropriate confidentiality requirements, to any Person providing services to BSEF, including the Regulatory Services Provider;
 - (vii) pursuant to an information sharing agreement or other arrangement or procedures in accordance with Rule 213;
 - (viii) subject to appropriate confidentiality requirements, to BSEF employees, the Board, Board committees, Disciplinary Panels, Appeals Panels, BSEF Officers, attorneys, auditors, and agents, independent contractors or other Persons that have been engaged by BSEF, in each case, who require such information in connection with the discharge of their duties to BSEF; and
 - (ix) as otherwise permitted under these Rules.

(b) All information and data obtained or received by BSEF from inspections of accounting and other records will be treated as confidential by BSEF; however, this Rule does not supplant Rule 212 (Emergency Rules) and the Rules in Chapter 6 (Disciplinary Rules), or any other requirement of legal process or law.

RULE 806. Extension or Waiver of BSEF Rules

If necessary and expedient, the Chief Compliance Officer may, in its sole discretion, waive, or extend the time period for performing, any act or acts designated by the BSEF Rules, but only to the extent such waiver or extension is not inconsistent with the CEA or the CFTC Regulations or other applicable regulations.

RULE 807. Effect of Amendment, Repeal or New Rule

- (a) If an amendment or repeal of a BSEF Rule or adoption of a new BSEF Rule does not materially change the terms or conditions of a Swap and does not affect the value of open Swaps, then the effective date of any amendment or repeal of a Rule or adoption of a new Rule relating to Swaps is binding on all Swaps entered into before and after the effective date of such amendment, repeal or adoption and, to the extent applicable, before the effective date of such amendment, repeal or adoption.
- (b) If an amendment or repeal of a BSEF Rule or adoption of a new Rule materially changes the terms or conditions of an open Swap or affects the value of open Swaps, then the amendment, repeal or new BSEF Rule shall not affect any open Swaps and shall be binding only on new Swaps listed for trading after the effective date of such amendment, repeal or adoption, and Swaps listed as of the effective date of such amendment, repeal or adoption with no open positions then in existence, unless otherwise specifically provided by the Board.

RULE 808. Swap Contract Specifications

- (a) BSEF shall permit trading only in Swaps that are not readily susceptible to manipulation. To demonstrate to the CFTC compliance with the requirements of this Rule 808(a), BSEF shall, at the time it submits a new Swap in advance to the CFTC pursuant to Part 40 of the CFTC Regulations, provide the applicable information as set forth in Appendix C to Part 38 of the CFTC Regulations Demonstration of Compliance That a Contract is not Readily Susceptible to Manipulation.
- (b) Notwithstanding any provision of the BSEF Rules to the contrary, the Swap Specification with respect to a particular Swap shall govern the applicability of the BSEF Rules to trading in such Swap and, in the event of any conflict between the BSEF Rules and the Swap Specification, the Swap Specification shall govern with respect to trading in the relevant Swap.
 - (c) The Swap Specification for each individual Swap may specify:

- (i) different classes of Participants eligible to trade such Swaps. Each such class of Participants shall have the rights and obligations specified by the Swap Specification for each such Swap;
- (ii) whether such Swap may be settled via cash settlement, physical delivery of the underlying commodity, or by any other means, as applicable; and
- (iii) the method for determining settlement prices.
- (d) Each Swap contract will be published by BSEF on its website.
- (e) Swap Specifications are incorporated into the Rulebook by reference and each Swap Specification shall constitute a BSEF Rule.

RULE 809. Timely Publication of Trading Information

BSEF will publish trading information as required by Core Principle 9 of Part 37, and by Part 16, of the CFTC Regulations.

RULE 810. Governing Law, Jurisdiction and Dispute Resolution

- (a) Unless preempted by the Act, the law of the State of New York governs the BSEF Rules and any Participant Documentation regardless of the laws that would otherwise apply under choice-of-law principles. If a Participant provides an opinion of a counsel (i) stating that the Participant cannot be subject to the law of the State of New York and must be subject to the law of the jurisdiction of the location where the Participant is organized (the "Local Law") and (ii) enumerating specific provisions of these Rules or the Participant Documentation that must be subject to the Local Law, BSEF will specify the application of the Local Law to the enumerated specific provisions of these Rules and the Participant Documentation; provided, however, that in no event shall Local Law supersede any provision of the Act.
- (b) Any dispute between BSEF and a Participant or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF arising from or in connection with the BSEF Rules or use of the SEF operated by BSEF must be brought to arbitration pursuant to subsection (c) of this Rule 810 within one (1) year from the occurrence of the event giving rise to the dispute. This Rule 810 shall in no way create a cause of action nor authorize an action that would otherwise be prohibited by the BSEF Rules.
- (c) Any dispute between BSEF and a Participant or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF arising from or in connection with the BSEF Rules will be settled by arbitration administered in New York County, New York by the American Arbitration Association (the "AAA") under its Commercial Arbitration Rules. The dispute will be submitted to one arbitrator who will be appointed by the AAA. Any arbitrator appointed for purposes of this Rule 810 will have experience with and knowledge of commodities, derivatives and Swaps as listed on the National Roster of Arbitrators

kept in the AAA's records. Judgment on the award rendered by the arbitrator will be binding on the parties and may be entered in any state or federal court sitting in New York County, New York, and BSEF and each Participant shall be deemed to have consented to the personal jurisdiction of any such court. Each party to the dispute will bear its own costs and expenses in connection with any arbitration hereunder, as well as an equal share of the administrative fees and the fees of the arbitrator; provided, however, that the arbitrator will be entitled to include in any award a full reimbursement for the prevailing party's costs and expenses, such party's share of the administrative fees and the fees of the arbitrator, or any combination of any or all of the above. In the event that this Rule 810 is held to be unenforceable in connection with any dispute or a claim is deemed by a court of competent jurisdiction to be not arbitrable, (i) exclusive jurisdiction for any such dispute will reside in any state or federal court sitting in New York County, New York, (ii) BSEF and the Participant involved in the dispute will be presumed to have submitted to the personal jurisdiction of any such court, and (iii) an action to enforce any judgment or decision of such court may be brought in the same court or in any other court with jurisdiction or venue. Finally, all Participants unconditionally and irrevocably waive any and all right to trial by jury in connection with any such dispute.

CHAPTER 9. LIMITATION OF LIABILITY, NO WARRANTIES

RULE 901. LIMITATION OF LIABILITY, NO WARRANTIES

- (a) NONE OF BSEF, ITS AFFILIATES OR ANY CONTRACTORS AND SUB-CONTRACTORS PROVIDING SERVICES RELATED TO BSEF OR THE SEF OPERATED BY BSEF, NOR ANY OF THEIR RESPECTIVE SUCCESSORS OR ASSIGNS, DIRECTORS, OFFICERS, EMPLOYEES, AGENTS, PARTNERS, CONSULTANTS, OR LICENSORS (EACH, A "DISCLAIMING PARTY") SHALL BE LIABLE TO ANY PERSON (INCLUDING ANY PARTICIPANT, AUTHORIZED TRADER, SUPERVISED PERSON, ACCOUNT, CUSTOMER OR ANY MARKET PARTICIPANT THAT DIRECTLY OR INDIRECTLY EFFECTS A TRANSACTION ON THE SEF OPERATED BY BSEF) FOR ANY LOSSES, DAMAGES, COSTS OR EXPENSES (INCLUDING LOSS OF PROFITS, LOSS OF USE, AND DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES), ARISING FROM:
 - (i) ANY FAILURE, MALFUNCTION, FAULT IN DELIVERY, DELAY, OMISSION, SUSPENSION, INACCURACY, INTERRUPTION, TERMINATION, OR ANY OTHER EVENT, IN CONNECTION WITH THE FURNISHING, PERFORMANCE, OPERATION, MAINTENANCE, USE OF OR INABILITY TO USE ALL OR ANY PART OF ANY OF THE SEF OPERATED BY BSEF, SEF PLATFORM OR SERVICES OF THE DISCLAIMING PARTY, OR SERVICES, EQUIPMENT OR FACILITIES USED TO SUPPORT SUCH SEF OPERATED BY BSEF, SEF PLATFORM OR SERVICES, INCLUDING ELECTRONIC ORDER ENTRY/DELIVERY, TRADING THROUGH ANY ELECTRONIC MEANS, ELECTRONIC COMMUNICATION OF MARKET DATA, SEF DATA OR INFORMATION, WORKSTATIONS USED BY PARTICIPANTS, AUTHORIZED TRADERS, SUPERVISED PERSONS, ACCOUNTS OR CUSTOMERS, PRICE

REPORTING SYSTEMS AND ANY AND ALL COMMUNICATIONS NETWORKS, SOFTWARE AND HARDWARE RELATING THERETO;

- (ii) ANY FAILURE, MALFUNCTION, FAULT IN DELIVERY, DELAY, OMISSION, SUSPENSION, INACCURACY, INTERRUPTION OR TERMINATION, OR ANY OTHER EVENT, OF THE SEF PLATFORM OR ANY SERVICES OF A DISCLAIMING PARTY, OR SERVICES, EQUIPMENT OR FACILITIES USED TO SUPPORT SUCH TRADING SYSTEMS OR SERVICES, CAUSED BY ANY THIRD PARTIES INCLUDING INDEPENDENT SOFTWARE VENDORS OR NETWORK PROVIDERS;
- (iii) ANY ERRORS OR INACCURACIES IN INFORMATION PROVIDED BY THE DISCLAIMING PARTY OR IN ANY OF THE DISCLAIMING PARTY'S SYSTEMS, SERVICES, EQUIPMENT OR FACILITIES;
- (iv) ANY UNAUTHORIZED ACCESS TO OR UNAUTHORIZED USE OF ANY OF THE DISCLAIMING PARTY'S SYSTEMS, SERVICES, EQUIPMENT OR FACILITIES BY ANY PERSON.

THE FOREGOING LIMITATION OF LIABILITY SHALL APPLY WHETHER A CLAIM ARISES IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, CONTRIBUTION OR OTHERWISE AND WHETHER THE CLAIM IS BROUGHT DIRECTLY OR AS A THIRD PARTY CLAIM.

- (b) NOTWITHSTANDING SUBSECTION (a), (c) or (f) OF THIS RULE 901, IN NO EVENT SHALL ANY AFFILIATE OF BSEF ACTING AS SEF PLATFORM TECHNOLOGY SERVICES PROVIDER BE LIABLE TO ANY PERSON NOR SHALL ANY PERSON BRING ANY LEGAL ACTION (WHETHER IN TORT, NEGLIGENCE, OR BREACH OF CONTRACT) FOR ANY LOSSES, DAMAGES, COSTS OR EXPENSES INCLUDING LOSS OF PROFITS, LOSS OF USE, DIRECT, SPECIAL, PUNITIVE, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THE SEF OPERATED BY BSEF OR SEF PLATFORM.
- (c) WITHOUT LIMITING BSEF'S INDEMNIFICATION OBLIGATION UNDER RULE 902, THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OR REPRESENTATIONS (INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR USE) PROVIDED BY ANY DISCLAIMING PARTY RELATING TO ANY SYSTEMS OR SERVICES OF ANY DISCLAIMING PARTY OR SERVICES, EQUIPMENT OR FACILITIES USED TO SUPPORT SUCH SYSTEMS OR SERVICES.
- (d) ANY DISPUTE ARISING OUT OF THE USE OF SYSTEMS OR SERVICES OF ANY DISCLAIMING PARTY OR SERVICES, EQUIPMENT, OR FACILITIES USED TO SUPPORT SUCH SYSTEMS OR SERVICES IN WHICH THE DISCLAIMING PARTY OR DISCLAIMING PARTIES IS A PARTY SHALL BE SUBJECT TO ARBITRATION AS PROVIDED IN RULE 810(c) AS IF THE DISCLAIMING PARTY WERE BSEF AND THE OPPOSITE PARTY OR PARTIES WERE A PARTICIPANT. ANY ACTIONS, SUITS OR

PROCEEDINGS BROUGHT AGAINST ANY DISCLAIMING PARTY MUST BE BROUGHT WITHIN ONE YEAR FROM THE TIME THAT A CAUSE OF ACTION HAS ACCRUED. THIS PARAGRAPH (d) SHALL IN NO WAY BE CONSTRUED TO LIMIT A PARTY'S OBLIGATION TO ARBITRATE ITS CLAIM OR TO CREATE A CAUSE OF ACTION (OR MODIFY THE LIMITATION ON ACTIONS PROVIDED IN RULE 901(a)) AND SHALL NOT AUTHORIZE AN ACTION THAT WOULD OTHERWISE BE PROHIBITED BY THE BSEF RULES. IF FOR ANY REASON, A COURT OF COMPETENT JURISDICTION FINDS THAT A DISPUTE IS NOT ARBITRABLE, SUCH DISPUTE SHALL BE SUBJECT TO THE JURISDICTION OF EACH OF THE FEDERAL AND STATE COURTS LOCATED IN NEW YORK COUNTY, NEW YORK IN CONNECTION WITH ANY MATTERS ARISING OUT OF THIS RULEBOOK AND NO PARTY TO SUCH DISPUTE MAY ASSERT A DEFENSE OF FORUM NON CONVENIENS, SOVEREIGN IMMUNITY, ACT OF STATE OR ANALOGOUS DOCTRINES IN CONNECTION WITH ANY ACTION.

(e) TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE TOTAL COMBINED AGGREGATE LIABILITY OF BSEF SHALL NOT EXCEED (i) \$20,000 FOR ALL LOSSES AND CLAIMS FROM ALL CAUSES SUFFERED ON A SINGLE DAY, (ii) \$100,000 FOR ALL LOSSES AND CLAIMS FROM ALL CAUSES SUFFERED IN A SINGLE CALENDAR MONTH; AND (iii) \$1,000,000 FOR ALL LOSSES AND CLAIMS FROM ALL CAUSES SUFFERED IN A SINGLE CALENDAR YEAR. ANY DISPUTED CLAIM PURSUANT TO THIS PARAGRAPH (e) SHALL BE SUBJECT TO ARBITRATION TO THE EXTENT PROVIDED IN RULE 810(c).

IN NO EVENT SHALL TOTAL COMBINED AGGREGATE LIABILITY OF BSEF FOR ALL CLAIMS AND CLAIMS AGAINST DISCLAIMING PARTIES ARISING OUT OF ANY FAILURES, MALFUNCTIONS, FAULTS IN DELIVERY, DELAYS, OMISSIONS, SUSPENSIONS, INACCURACIES, INTERRUPTIONS, TERMINATIONS, OR ANY OTHER CAUSES, IN CONNECTION WITH THE FURNISHING, PERFORMANCE, OPERATION, MAINTENANCE, USE OF OR INABILITY TO USE ALL OR ANY PART OF ANY OF THE SEF OPERATED BY BSEF OR SEF PLATFORM, OR SERVICES, EQUIPMENT OR FACILITIES USED TO SUPPORT BSEF, THE SEF OPERATED BY BSEF OR SEF PLATFORM, OR THE NEGLIGENCE OR GROSS NEGLIGENCE OF BSEF EMPLOYEES, AGENTS OR SUBAGENTS EXCEED \$1,000,000 IN ANY GIVEN CALENDAR YEAR.

IF THE NUMBER OF ALLOWED CLAIMS ARISING OUT OF ANY FAILURES OR MALFUNCTIONS ON A SINGLE DAY, SINGLE MONTH OR SINGLE YEAR CANNOT BE FULLY SATISFIED BECAUSE OF THE ABOVE DOLLAR LIMITATIONS, ALL SUCH CLAIMS SHALL BE LIMITED TO A PRO RATA SHARE OF THE MAXIMUM AMOUNT FOR THE RESPECTIVE PERIOD.

(f) THE LIMITATIONS OF LIABILITY IN THIS RULE 901 SHALL NOT APPLY TO BSEF'S INDEMNIFICATION OBLIGATION UNDER RULE 902 AND SHALL NOT PROTECT ANY PARTY FOR WHICH THERE HAS BEEN A FINAL DETERMINATION (INCLUDING EXHAUSTION OF ANY APPEALS) BY A COURT OR ARBITRATOR TO HAVE ENGAGED IN FRAUD OR WILLFUL MISCONDUCT. ADDITIONALLY, THE FOREGOING LIMITATIONS ON LIABILITY OF THIS RULE SHALL BE SUBJECT TO

THE CEA AND THE REGULATIONS PROMULGATED THEREUNDER, EACH AS IN EFFECT FROM TIME TO TIME.

RULE 902. Indemnification by BSEF

BSEF, at its expense, shall indemnify, hold harmless and defend Participant against any loss, claim, demand or expense (including reasonable attorneys' fees) ("Claim") that the SEF Platform or any portion thereof infringes, misappropriates or violates any intellectual property or proprietary rights of any third party; provided, however, that BSEF shall not be required to indemnify Participant for any Claim to the extent it arises from or in connection with any (a) additions, changes or modifications by Participant to the SEF Platform, which changes were not provided by BSEF or any of its affiliates, (b) use of the SEF Platform in combination with other products or services not provided by BSEF or its affiliates, or (c) use of the SEF Platform other than as expressly permitted by the Rules or the Participant Documentation. BSEF shall control such defense and all negotiations relative to the settlement of any such Claim. Participant shall promptly provide BSEF with written notice of any claim which falls within the scope of this paragraph (provided that failure to provide such notice shall not relieve BSEF of its indemnity obligations hereunder except to the extent it is prejudiced thereby).

CHAPTER 10. [RESERVED]

CHAPTER 11. [RESERVED]

CHAPTER 12.CREDIT CONTRACTS TERMS AND CONDITIONS

RULE 1201. CDS Index Contract – North America High Yield 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index	CDX.NA.HY: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy, Failure to Pay and Restructuring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1202. CDS Index Contract – North America High Yield 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index	CDX.NA.HY: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy, Failure to Pay and Restructuring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1203. CDS Index Contract – North America Investment Grade 3Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 15 to current
Currency	USD
Quoting Convention	As agreed by counterparties
and Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	3Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours	00:01 -24:00 Sunday-Friday; Eastern Tim
and Venue	
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1204. CDS Index Contract – North America Investment Grade 3Y (ICE)

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Contract	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit
Overview	rating.
Index	CDX.NA.IG: Series 15 to current
Currency	USD
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	3Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1205. CDS Index Contract – North America Investment Grade 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1206. CDS Index Contract – North America Investment Grade 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
merement	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1207. CDS Index Contract – North America Investment Grade 7Y (CME)

Contract	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit
Overview	rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Investment Grade indices are traded on spread
a	
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	7Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is
Tue dine Herri	present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1208. CDS Index Contract – North America Investment Grade 7Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the
	credit risk of the instrument. Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	7Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1209. CDS Index Contract – North America Investment Grade 10Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and Minimum	As agreed by counterparties
Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1210. CDS Index Contract – North America Investment Grade 10Y (ICE)

r	
Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1211. CDS Index Contract – CDX Emerging Markets – Latin America 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket comprised of a number of sovereign issuers, domiciled in Latin
	America
Index	CDX Emerging Markets
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	The CDX EM Latin America is traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1212. CDS Index Contract – CDX Emerging Markets – Latin America 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket comprised of a number of sovereign issuers, domiciled in Latin America
Index	CDX Emerging Markets
Currency	USD
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	The CDX EM Latin America is traded on price
	Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1213. CDS Index Contract – European Investment Grade 10Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 7 to current
Currency	EUR
Quoting Convention and Minimum	As agreed by counterparties
Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours	00:01 -24:00 Sunday-Friday; Eastern Tim
and Venue Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1214. CDS Index Contract – European Investment Grade 10Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 7 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1215. CDS Index Contract – European Investment Grade 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits Reportable Levels	As set in Part 151 of the CFTC Regulations As set in the CFTC Regulation 15.03

RULE 1216. CDS Index Contract – European Investment Grade 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1217. CDS Index Contract – European Crossover 5Y (CME)

Contract Overview	The European Crossover index comprises 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Index	ITRAXX.EUROPE CROSSOVER: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue Clearing Venue	00:01 -24:00 Sunday-Friday; Eastern Tim CME
	l l
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03
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RULE 1218. CDS Index Contract – European Crossover 5Y (ICE)

Overview def	e European Crossover index comprises 50 equally weighted credit fault swaps on the most liquid sub-investment grade European corporate entities.
Index	
index 111	RAXX.EUROPE CROSSOVER: Series 10 to current
Currency EU	J'R
Quoting Convention As and Minimum Increment	agreed by counterparties
Minimum Size As	agreed by counterparties
Bu	y = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Trading Conventions Sel	Il = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the edit risk of the instrument.
Conventions	European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor 5Y	
Effective Date The swa	e date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the ap.
Maturity Date The	e final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	e following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
De	ontingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit crivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Red Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
Up	ofront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is esent valued and paid immediately to the seller.
	:01 -24:00 Sunday-Friday; Eastern Tim
and Venue Clearing ICI	E Clear U.S.; ICE Clear Europe
Venue ICI	E Clear C.D., ICL Cicar Europe
Block Size As	set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative As	set in Part 151 of the CFTC Regulations
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Limits Reportable As	set in the CFTC Regulation 15.03

RULE 1219. CDS Index Contract – European HiVol 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket comprised of 30 equally weighted credit default swaps on the widest spread non-financial European corporate entities.
Index	ITRAXX.EUROPE HIVOL: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Trading Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread
	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours	00:01 -24:00 Sunday-Friday; Eastern Tim
and Venue Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1220. CDS Index Contract – European HiVol 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket comprised of 30 equally weighted credit default swaps on the widest spread non-financial European corporate entities.
Index	ITRAXX.EUROPE HIVOL: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Trading Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread
	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours	00:01 -24:00 Sunday-Friday; Eastern Tim
and Venue Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1221. CDS Index Contract – iTraxx Europe Senior Financial 5Y

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RULE 1222. CDS Index Contract – iTraxx SovX Western Europe 5Y

Contract Overview	An agreement to buy or sell protection on an index comprised of 14 names from the Eurozone region plus Denmark, Norway, Sweden and United Kingdom that trade on Western European documentation.
Index	ITRAXX SovX Western Europe
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. SovX Western Europe indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	n/a
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1223. CDS Index Contract – iTraxx Europe Subordinated Financial 5Y

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Contract Overview	An agreement to buy or sell protection on a basket of 25 equally weighted credit default swaps on investment grade European entities.
Index	ITRAXX EUROPE SUBORDINATED FINANCIAL
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Subordinated Financial indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is
Trading Hours and	present valued and paid immediately to the seller. 00:01 -24:00 Sunday-Friday; Eastern Tim
Venue Clearing Venue	n/a
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1224. CDS Index Contract – iTraxx Japan 5Y

Contract Overview	An agreement to buy or sell protection on a basket comprised of 50 equally-weighted investment grade Japanese entities.
Index	ITRAXX.JAPAN
Currency	JPY
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	The ITraxx Japan index is traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	n/a
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1225. CDS Index Contract – iTraxx Australia 5Y

Contract Overview	An agreement to buy or sell protection on a basket comprised of 25 equally-weighted investment grade Australian entities.
Index	ITRAXX.AUSTRALIA
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	The ITraxx Australia index is traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	n/a
Block Size Speculative Limits	As set forth in Appendix F to Part 43. of the CFTC Regulations As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1226. CDS Index Contracts – North America Investment Grade 5Y (CME) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: current series
muca	
Currency	USD
Quoting	As agreed by counterparties
Convention and	
Minimum	
Increment	
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
Trading Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Conventions	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol).
Settlement	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1227. CDS Index Contract – North America Investment Grade 5Y (ICE) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: current series
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
Trading	the credit risk of the instrument.
Conventions	Laurente est Conde in time on total de proposit
Swap Conventions	Investment Grade indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of
Effective Bute	the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
G. W.	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which
Settlement	is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1228. CDS Index Contract – North America High Yield 5Y (CME) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index	CDX.NA.HY: prior, current series
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy, Failure to Pay and Restructuring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1229. CDS Index Contract – North America High Yield 5Y (ICE) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index	CDX.NA.HY: prior, current series
Currency	USD
Quoting	As agreed by counterparties
Convention and	
Minimum	
Increment	
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit
Conventions	events include Bankruptcy, Failure to Pay and Restructuring.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
g g .:	the credit risk of the instrument.
Swap Conventions	High Yield indices are traded on price
	Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
	Outrights
	Roll trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	
	is present valued and paid immediately to the seller.
and Venue	is present valued and paid immediately to the seller. 00:01 -24:00 Sunday-Friday; Eastern Tim
and Venue Clearing Venue	is present valued and paid immediately to the seller. 00:01 -24:00 Sunday-Friday; Eastern Tim ICE

RULE 1230. CDS Index Contract – European Investment Grade 5Y (CME) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Ticker	ITRX EUR CDSI [series] 5Y
Index	ITRAXX.EUROPE: prior, current series
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1231. CDS Index Contract – European Investment Grade 5Y (ICE) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Ticker	ITRX EUR CDSI [series] 5Y
Index	ITRAXX.EUROPE: prior, current series
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the
	credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Time
Clearing Venue	ICE
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1232. MAT ITRX XOVER CDSI 5Y (CME)

Contract Overview	The European Crossover index comprises 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Ticker	ITRX XOVER CDSI [series] 5Y
Index	ITRAXX.EUROPE CROSSOVER: prior, current series
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument
Swap Conventions	European crossover indices are traded on spread
Caran Tanan	Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. 5Y
Swap Tenor	31
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1233. MAT ITRX XOVER CDSI 5Y (ICE)

Contract Overview	The European Crossover index comprises 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Ticker	ITRX XOVER CDSI [series] 5Y
Index	ITRAXX.EUROPE CROSSOVER: prior, current series
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1234. MAT CDX IG CDSI 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Ticker	CDX IG CDSI [series] 5Y
Index	CDX.NA.IG: prior, current series
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1235. MAT CDX IG CDSI 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Ticker	CDX IG CDSI [series] 5Y
Index	CDX.NA.IG: prior, current series
Currency	USD
Quoting Convention and Minimum	As agreed by counterparties
Increment	
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Conventions	
Swap Conventions	Investment Grade indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which
	is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	ICE
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1236. MAT ITRX EUR CDSI 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.	
Ticker	ITRX EUR CDSI [series] 5Y	
Index	ITRAXX.EUROPE: prior, current series	
Currency	EUR	
Quoting Convention and Minimum Increment	As agreed by counterparties	
Minimum Size	As agreed by counterparties	
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.	
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.	
Swap Conventions	European IG indices are traded on spread	
	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.	
Swap Tenor	5Y	
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.	
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.	
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Time	
Clearing Venue	CME	
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations	
Speculative Limits	As set in Part 151 of the CFTC Regulations	

RULE 1237. MAT ITRX EUR CDSI 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Ticker	ITRX EUR CDSI [series] 5Y
Index	ITRAXX.EUROPE: prior, current series
Currency	EUR
Quoting	As agreed by counterparties
Convention	
and	
Minimum	
Increment	
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Conventions	
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread
	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Time
Clearing Venue	ICE
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations

RULE 1238. Option – CDS Index Contract North America High Yield 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX HY CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America High Yield 5Y [CME]. An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index of Underlying Swap	CDX.NA.HY: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1239. Option – CDS Index Contract North America High Yield 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX HY CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America High Yield 5Y [ICE]. An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index of Underlying Swap	CDX.NA.HY: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1240. Option – CDS Index Contract North America Investment Grade 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 5Y (CME). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1241. Option – CDS Index Contract North America Investment Grade 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 5Y (ICE). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1242. Option – CDS Index Contract – CDX Emerging Markets – Latin America 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX EM CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – CDX Emerging Markets – Latin America 5Y (CME). An agreement to buy or sell protection on a basket of a number of sovereign issuers, domiciled in Latin America.
Index of Underlying Swap	CDX Emerging Markets
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1243. Option – CDS Index Contract – CDX Emerging Markets – Latin America 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX EM CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 5Y (ICE). An agreement to buy or sell protection on a basket of a number of sovereign issuers, domiciled in Latin America.
Index of Underlying Swap	CDX Emerging Markets
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1244. Option – CDS Index Contract – European Investment Grade 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX EUR CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Investment Grade 5Y (CME). An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index of Underlying Swap	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1245. Option – CDS Index Contract – European Investment Grade 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX EUR CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Investment Grade 5Y (ICE). An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index of Underlying Swap	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1246. Option – CDS Index Contract – European Crossover 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX XOVER CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Crossover 5Y (CME). An index comprising 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE CROSSOVER: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1247. Option – CDS Index Contract – European Crossover 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX XOVER CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Crossover 5Y (ICE). An index comprising 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE CROSSOVER: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay. Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1248. Option – CDS Index Contract – European HiVol 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	HIVOL CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European HiVol 5Y (CME). An agreement to buy or sell protection on a basket comprised of 30 equally weighted credit default swaps on the widest spread non-financial European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE HIVOL: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1249. Option – CDS Index Contract – European HiVol 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	HIVOL CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European HiVol 5Y (ICE). An agreement to buy or sell protection on a basket comprised of 30 equally weighted credit default swaps on the widest spread non-financial European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE HIVOL: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1250. Option – CDS Index Contract – North America Investment Grade 3Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 3 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 3Y (CME). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1251. Option – CDS Index Contract – North America Investment Grade 3Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 3 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 3Y (ICE). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay. Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap
Trucing Conventions	whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

CHAPTER 13.RATES CONTRACTS TERMS AND CONDITIONS

RULE 1301. AUD BBR-BBSW Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
	notional over a term to maturity.
Currency	AUD
Currency	
Floating Rate Index	3 Month AUD-BBR-BBSW
	6 Month AUD-BBR-BBSW
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	
Swap Conventions	Fixed Leg
	Payment: Semi-Annual, Quarterly
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendar: Sydney
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual, Quarterly
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendar: Sydney
	Fixing Calendar: Sydney
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as
	long as 30 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
75.1	
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
First Fining Date	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first BBSW Fixing Date is 2 Sydney business days prior to the Effective Date. Spot:
Trade Start Types	A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
IIIIII IJPO	Outrights
Settlement Procedure	As determined by the Clearing Venue or an agreement between the counterparties
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH or Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
0 14 71 1	A P 151 C4 CTTC P 1
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1302. EUR Euribor Fixed-to-Floating Contract

	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	
	notional over a term to maturity.
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	
	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual, Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as
	long as 50 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
Payment and Resets	
Payment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
Payment and Resets	
Payment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot:
First Fixing Date	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
First Fixing Date	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: A new swap where the Effective Date is T+2 from the trade date.
First Fixing Date	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM:
First Fixing Date	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: A new swap where the Effective Date is T+2 from the trade date. IMM: A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September,
First Fixing Date Trade Start Types	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM: • A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September, December, March, June).
First Fixing Date	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM: • A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September, December, March, June). The following swap types may be executed on the Bloomberg SEF:
First Fixing Date Trade Start Types	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM: • A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September, December, March, June). The following swap types may be executed on the Bloomberg SEF: • Outrights
First Fixing Date Trade Start Types	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM: • A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September, December, March, June). The following swap types may be executed on the Bloomberg SEF: • Outrights • Curves
First Fixing Date Trade Start Types	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM: • A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September, December, March, June). The following swap types may be executed on the Bloomberg SEF: • Outrights • Curves • Butterflies
First Fixing Date Trade Start Types Trade Types	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM: • A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September, December, March, June). The following swap types may be executed on the Bloomberg SEF: • Outrights • Curves • Butterflies • IMM
First Fixing Date Trade Start Types Trade Types Settlement Procedure	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM: • A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September, December, March, June). The following swap types may be executed on the Bloomberg SEF: • Outrights • Curves • Butterflies • IMM As determined by the Clearing Venue
First Fixing Date Trade Start Types Trade Types Settlement Procedure Trading Hours	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM: • A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September, December, March, June). The following swap types may be executed on the Bloomberg SEF: • Outrights • Curves • Butterflies • IMM As determined by the Clearing Venue 00:01 -24:00 Sunday-Friday Eastern Time
First Fixing Date Trade Start Types Trade Types Settlement Procedure Trading Hours Clearing Venue	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM: • A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September, December, March, June). The following swap types may be executed on the Bloomberg SEF: • Outrights • Curves • Butterflies • IMM As determined by the Clearing Venue 00:01 -24:00 Sunday-Friday Eastern Time CME or LCH
First Fixing Date Trade Start Types Trade Types Settlement Procedure Trading Hours Clearing Venue Block Size	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM: • A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September, December, March, June). The following swap types may be executed on the Bloomberg SEF: • Outrights • Curves • Butterflies • IMM As determined by the Clearing Venue 00:01 -24:00 Sunday-Friday Eastern Time CME or LCH As set forth in Appendix F to Part 43 of the CFTC Regulations.
First Fixing Date Trade Start Types Trade Types Settlement Procedure Trading Hours Clearing Venue	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Spot: • A new swap where the Effective Date is T+2 from the trade date. IMM: • A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September, December, March, June). The following swap types may be executed on the Bloomberg SEF: • Outrights • Curves • Butterflies • IMM As determined by the Clearing Venue 00:01 -24:00 Sunday-Friday Eastern Time CME or LCH

RULE 1303. CHF LIBOR Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Currency	CHF
Floating Rate Index	6 Month CHF-LIBOR-BBA
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Zurich
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Zurich
	Fixing Calendar: London
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 30 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: • A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights
Settlement Procedure	As determined by the Clearing Venue or an agreement between the counterparties
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH or Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1304. GBP LIBOR Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
	notional over a term to maturity.
Currency	GBP
Floating Rate Index	6 Month GBP-LIBOR-BBA
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendar: London
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendar: London
	Fixing Calendar: London
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 50 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first Libor Fixing Date is the Effective Date.
Trade Start Types	Spot:
Trade Types	 A new swap where the Effective Date is T from the trade date. The following swap types may be executed on the Bloomberg SEF:
Trade Types	Outrights
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1305. JPY LIBOR Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Currency	JPY
Floating Rate Index	6 Month JPY-LIBOR-BBA
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	
Swap conventions	Fixed Leg
	Payment: Semi-Annual
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendars: London, Tokyo
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual
	Day Count Conventions: ACT/360
	Holiday Calendars: London, Tokyo
	Fixing Calendar: London
G The	Business Day Conventions: Modified Following with adjustment to period end dates The density of the formula of the date of the period of the perio
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 40 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
T uj ment una resets	Count Convenient and a model and a
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Demonstrate and state of the second second state of the second sta
First Fixing Date	Payments are settled in accordance with the payment frequency of the swap. The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot:
	• A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
	Outrights
G will be a second	
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1306. Interest Rate LIBOR USD Fixed-to-Floating Swap Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Currency	USD
Floating Rate Index	3 Month LIBOR
Contract Size	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading	Buy = Pay Fixed, Receive Float.
Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual, Annual
	• Day Count Conventions: 30/360, ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	 Day Count Conventions: ACT/360,
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as
Swap Tellor	50 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: • A new swap where the Effective Date is T+2 from the trade date.
	IMM: • A forward starting swap with an effective date on one of the four quarterly IMM Dates (September, December,
	March, June).
Trade Types	The following swap types may be executed on the Bloomberg SEF:
	Outrights
	Swap Spreads
	• Switches
	Butterflies
	• IMM
Settlement	As determined by the Clearing Venue
Procedure	00.01 24.00 Conder Edder Edder Time
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations 139
Reportable	As set in CFTC Regulation 15.03
Levels	As set in CFTC Regulation 15.05

RULE 1307. OIS Eonia Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Currency	EUR
Floating Rate Index	EUR-EONIA-OIS-Compound
Quoting Convention	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg Payment: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target
Swap Tenor	Business Day Conventions: Modified Following with adjustment to period end dates The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as long as 50 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first EONIA Fixing Date is the trade date.
Trade Start Types	Spot:
	A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1308. OIS Fed Funds Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Currency	USD
Floating Rate Index	USD-FED-FUND H.15 OIS Compound
Quoting Convention Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg Payment: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: 1T, Annual Day Count Conventions: ACT/360
Swap Tenor	 Holiday Calendar: New York Fixing Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as
Swap Tellor	long as 2 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first Fed Funds Fixing Date is 2 New York business days prior to the Effective Date.
Trade Start Types	Spot: • A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1309. USD LIBOR Basis Swap Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying two floating interest rates to a specified notional over a term to maturity.
Currency	USD
Floating Rate Index	1 Month USD-LIBOR-BBA 3 Month USD-LIBOR-BBA 6 Month USD-LIBOR-BBA
Quoting Convention Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Spread Sell = Receive Spread
Swap Conventions	Floating Leg 1 Payment/Resets: Monthly, Quarterly Day Count Conventions: ACT/360 Compounding Method: Flat Holiday Calendars: London, New York Fixing Calendar: London Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg 2 Payment/Resets: Quarterly, Semi-Annual Pay Count Conventions: ACT/360 Holiday Calendars: London, New York Fixing Calendar: London Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 30 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Floating Leg 1: The payment amount of the Floating Leg 1 is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index, and Floating Reset Dates. Floating Leg 2: The payment amount of the Floating Leg 2 is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: • A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF: • 1s3s Basis • 3s6s Basis
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1310. SEK Stibor Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Currency	SEK
Floating Rate Index	3 Month SEK-STIBOR-SIDE
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendars: Stockholm
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: Stockholm
	Fixing Calendar: Stockholm
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 15 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first STIBOR Fixing Date is 2 Stockholm business days prior to the Effective Date.
Trade Start Types	Spot: • A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights
Settlement Procedure	As determined by the Clearing Venue or an agreement between the counterparties
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH or Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1311. Interest Rate LIBOR USD Fixed-to-Floating Swap Contract (CME) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
~	notional over a term to maturity.
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual, Annual
	Day Count Conventions:
	o Semi-Annual Payment: 30/360
	o Annual Payment: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	 Day Count Conventions: ACT/360,
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (III Et E	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the time of execution
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	TI U
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1312. Interest Rate LIBOR USD Fixed-to-Floating Swap Contract (LCH) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual, Annual
	Day Count Conventions:
	o Semi-Annual Payment: 30/360
	o Annual Payment: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
E' I'I E' ! D	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the time of execution
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	
	As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Speculative Limits Reportable Levels	As set in Part 151 of the CFTC Regulations As set in CFTC Regulation 15.03
Reportable Levels	As set in CFTC Regulation 15.05

RULE 1313. EUR Euribor Fixed-to-Floating Contract (CME) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size	Fixed; notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	E Company of the Comp
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual, Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Demonstrate and the control of the c
First Fining Date	Payments are settled in accordance with payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
First Fixing Date	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Start Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the
Trade Types	rar: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the time of execution
Settlement Procedure	
Trading Hours	As determined by the Clearing Venue 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	
Speculative Limits	As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in Part 151 of the CFTC Regulations As set in CFTC Regulation 15.03
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1314. EUR Euribor Fixed-to-Floating Contract (LCH) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Trouting Tutte Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size	Fixed; notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	, and the second
	Floating Leg
	Payment/Resets : Semi-Annual, Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
71 . 71 . 7	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the
Cottlement Dr J	time of execution
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue Block Size	
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations As set in CFTC Regulation 15.03
Reportable Levels	AS SELIN CETC REGULATION 15.05

RULE 1315. MAT IRS USD Swap vs 3M (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	USD Swap vs 3M [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Ouoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual, Annual
	Day Count Conventions:
	o Semi-Annual Payment: 30/360
	o Annual Payment: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1316. MAT IRS USD Swap vs 3M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	USD Swap vs 3M [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Ouoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Semi-Annual, Annual
	Day Count Conventions:
	Semi-Annual Payment: 30/360
	· · · · · · · · · · · · · · · · · · ·
	Holiday Calendars: London, New York
	 Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1317. MAT IRS EUR Swap vs 3M (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
Ticker	EUR Swap vs 3M [tenor]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Dormonts are settled in accordance with normant frequency of the arran
Einst Eining Data	Payments are settled in accordance with payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
First Fixing Date Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Spot: a new swap where the Effective Date is 1+2 from the trade date. Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in Part 131 of the CFTC Regulations As set in CFTC Regulation 15.03
Reportable Levels	As set in CFTC Regulation 13.03

RULE 1318. MAT IRS EUR Swap vs 3M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR Swap vs 3M [tenor]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	B a state to the state of
First First - Data	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	Spot: a new swap where the Effective Date is T+2 from the trade date. Par
Settlement Procedure	
	As determined by the Clearing Venue 00:01 - 24:00 Sunday-Friday Eastern Time
Trading Hours	LCH
Clearing Venue Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Reportable Levels	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1319. MAT IRS EUR Swap vs 6M (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
Ticker	EUR Swap vs 6M [tenor]
Currency	EUR EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	Tis agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1320. MAT IRS EUR Swap vs 6M (LCH)

An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity. Ticker
Ticker EUR Swap vs 6M [tenor] Currency EUR Quoting Rate Index Quoting Convention and Minimum Increment Contract Size / Notional Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Paymen
Currency EUR 6 Month EUR-EURIBOR 6 Month EUR-EURIBOR As agreed by counterparties
Floating Rate Index 6 Month EUR-EURIBOR As agreed by counterparties
Quoting Convention and Minimum Increment As agreed by counterparties Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Swap Conventions Payment: Annual • Day Count Conventions: 30/360 Holiday Calendar: Target • Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg • Payment/Resets: Quarterly • Day Count Conventions: ACT/360 • Holiday Calendar: Target • Holiday Calendar: Target • Fixing Calendar: Target • Fixing Calendar: Target • Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Agment and Resets
Minimum Increment Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Swap Conventions Fixed Leg Payment: Annual Payment: Annual Day Count Conventions: 30/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Minimum Size
Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: 30/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Sell = Receive Fixed, Pay Float. Fixed Leg Payment: Annual Day Count Conventions: 30/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Swap Tenor Z, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years Fffective Date Maturity Date Periodic Settlement: Payment and Resets Fixed Leg Payment: Annual Day Count Conventions: Modified Following with adjustment to period end dates Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Fixed Leg Payment: Annual Day Count Conventions: 30/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Year Conventions: Modified Following with adjustment to period end dates Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Faffective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Payment: Annual Day Count Conventions: 30/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor Z, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Count Convention and Fixed Interest Rate.
 Day Count Conventions: 30/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
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 Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
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Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Swap Tenor Z, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Floating Leg Floating Leg Floating Leg Floating Leg Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor Z, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments also known as the start date of the swap. Maturity Date Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Payment and Resets Payment and Resets Payment ACT/360 • Holiday Calendar: Target • Business Day Conventions: Modified Following with adjustment to period end dates • Business Day Conventions and System Such as fixed and floating interest rate payments also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Payment and Resets Day Conventions: ACT/360 Rodical Conventions:
Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
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Swap Tenor 2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
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Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Payment and Resets Count Convention and Fixed Interest Rate.
I routing Leg. The payment amount of the Floating Leg is based on the following. Notional, I ayment I requency
Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Payments are settled in accordance with payment frequency of the swap.
First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate Par
Settlement Procedure As determined by the Clearing Venue
Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue LCH
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits As set in Part 151 of the CFTC Regulations
Reportable Levels As set in CFTC Regulation 15.03

RULE 1321. MAT IRS USD Swap vs 3M IMM (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	USD Swap vs 3M IMM [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
,	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next two IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1322. MAT IRS USD Swap vs 3M IMM (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
Ticker	USD Swap vs 3M IMM [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	12 agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	 Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	· ·
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next two IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1323. MAT IRS USD Swap vs 3M MAC (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	USD Swap vs 3M MAC [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
<u> </u>	Payment: Semi-Annual
<u> </u>	Day Count Conventions: 30/360
<u> </u>	Holiday Calendars: London, New York
ļ	Business Day Conventions: Modified Following with adjustment to period end dates
<u> </u>	Floating Leg
ļ	Payment/Resets: Quarterly
ļ	Day Count Conventions: ACT/360
<u> </u>	
<u> </u>	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
<u> </u>	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
<u> </u>	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
<u> </u>	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next two IMM dates)
Fixed Rate	Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1324. MAT IRS USD Swap vs 3M MAC (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	USD Swap vs 3M MAC [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual
	 Day Count Conventions: 30/360
	Holiday Calendars: London, New York
	 Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	 Holiday Calendars: London, New York
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next two IMM dates)
Fixed Rate	Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1325. MAT IRS GBP Swap vs 6M (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	GBP Swap vs 6M [tenor]
Currency	GBP Swap vs own [tenor]
Floating Rate Index	6 Month GBP LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	as agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+0 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1326. MAT IRS GBP Swap vs 6M (LCH)

Ticker 0	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Ticker	notional over a term to maturity.
	GBP Swap vs 6M [tenor]
Currency	GBP
	6 Month GBP LIBOR
8	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
	The final date on which the obligations no longer accrue and the final payment occurs.
	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
i dijilicile dilid itesets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
	Spot: a new swap where the Effective Date is T+0 from the trade date.
\$ 1	Par
	As determined by the Clearing Venue
	00:01 - 24:00 Sunday-Friday Eastern Time
	LCH
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1327. MAT IRS GBP Swap vs 3M (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	GBP Swap vs 3M [tenor]
Currency	GBP
Floating Rate Index	3 Month GBP LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Quarterly, Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+0 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1328. MAT IRS GBP Swap vs 3M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract over view	notional over a term to maturity.
Ticker	GBP Swap vs 3M [tenor]
Currency	GBP
Floating Rate Index	3 Month GBP LIBOR
Ouoting Convention and	As agreed by counterparties
Minimum Increment	Tis agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Quarterly, Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Entert But	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+0 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1329. MAT IRS EUR Swap vs 3M IMM 1 Year (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	The agreed by country parties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	1 year
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1330. MAT IRS EUR Swap vs 3M IMM 1 Year (LCH)

notional over a term to maturity. Currency	Cantaga et Organisa	An agreement to exchange a stream of each flows by analysing a fixed and floating interest rate to a project
Ticker Currency EUR Currency EUR Floating Rate Index 3 Month EUR-EURIBOR Quoting Convention and Minimum Increment Contract Size / Notional Minimum Size As agreed by counterparties Fixed notional; as agreed by counterparties Swap Conventions Swap Conventions Fixed Receive Fixed, Pay Float. Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: ACT/360 Holiday Calendar: Target Payment/Resets: Quarterly Payment/Resets: Quarterly Payment/Resets: Quarterly Payment/Resets: Quarterly Payment/Resets: Quarterly Payment/Resets: Quarterly Payment Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Payment/Resets: Quarterly Payment/Resets: Quarterly Payment/Resets: Quarterly Payment Conventions: ACT/360 Holiday Calendar: Target Fixing Calen	Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Floating Rate Index 3 Month EUR-EURIBOR	Ti-l	
Swap Convention and Minimum Increment		
As agreed by counterparties		
Minimum Increment Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Seel = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Fixed Leg Payment: Annual • Day Count Conventions: ACT/360 Holiday Calendar: Target • Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg • Payment/Resets: Quarterly • Day Count Conventions: ACT/360 Holiday Calendar: Target • Fixing Calendar: Target • Fixing Calendar: Target • Fixing Calendar: Target • Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 1 year Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate. Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate Index and Floating Reset Dates.		
Fixed notional Fixed notional; as agreed by counterparties		As agreed by counterparties
Minimum Size		Fined actional as careed by counterwestics
Trading Conventions		
Sell = Receive Fixed, Pay Float.		
Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Fifective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations	Trading Conventions	
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Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations	First Fixing Date	
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Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		
Speculative Limits As set in Part 151 of the CFTC Regulations		As set forth in Appendix F to Part 43 of the CFTC Regulations.
Reportable Levels As set in CFTC Regulation 15.03	Speculative Limits	
	Reportable Levels	As set in CFTC Regulation 15.03

RULE 1331. MAT IRS EUR Swap vs 3M IMM 2 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	, , , , , , , , , , , , , , , , , , , ,
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	B a state to the state of
Et Et D. 4	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue Block Size	
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1332. MAT IRS EUR Swap vs 3M IMM 2 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
	EUR [Fixed Pay] 5M [IMM stativend month]
Currency	3 Month EUR-EURIBOR
Floating Rate Index	As agreed by counterparties
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
ļ	Floating Leg
	Payment/Resets : Quarterly
ļ	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
No. 11 D.	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Fayment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
ļ	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Floating interest Nate Index and Floating Neset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1333. MAT IRS EUR Swap vs 3M IMM 3 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Tuymens reseas . Quanterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	3 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1334. MAT IRS EUR Swap vs 3M IMM 3 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	3 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Downsta an estated in accordance with neumant frequency of the even
First Fixing Date	Payments are settled in accordance with payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Ü	International Money Market ("IMM") (next four IMM dates)
Trade Start Types Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in Part 151 of the CFTC Regulations As set in CFTC Regulation 15.03
Reportable Levels	As set in CF1C Regulation 15.05

RULE 1335. MAT IRS EUR Swap vs 3M IMM 4 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
	EUR [FIXEG PAY] SM [INMINISTRIVEND MONTH]
Currency	3 Month EUR-EURIBOR
Floating Rate Index	As agreed by counterparties
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap conventions	č
	Payment: Annual Table 1
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	,
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	4 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set form in Appendix 1 to 1 at 4.5 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
Reportable Levels	As set in Cr Te Regulation 13.03

RULE 1336. MAT IRS EUR Swap vs 3M IMM 4 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Ouoting Convention and	As agreed by counterparties
Minimum Increment	This agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
_	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	4 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Downsorts are catalled in accordance with recurrent frequency of the cure
First Firing Date	Payments are settled in accordance with payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
First Fixing Date Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	145 Set III C1 To Regulation 15.05

RULE 1337. MAT IRS EUR Swap vs 3M IMM 5 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	5 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fiving Data	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
First Fixing Date Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	As set in Cr 10 regulation 13.03

RULE 1338. MAT IRS EUR Swap vs 3M IMM 5 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [Fixed Fay] 5W [INVINI Stative and monthly]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Traumg Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	5 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Enceive Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1339. MAT IRS EUR Swap vs 3M IMM 6 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	7.5 agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
C T	Business Day Conventions: Modified Following with adjustment to period end dates 6 years
Swap Tenor Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fiving Data	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
First Fixing Date Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1340. MAT IRS EUR Swap vs 3M IMM 6 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
G G	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	• Day Count Conventions: ACT/360
	Holiday Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	, y
	• Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	6 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Payment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Floating interest Rate index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1341. MAT IRS EUR Swap vs 3M IMM 7 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [Pixed Fay] 5M [IMM stativend mondi]
	3 Month EUR-EURIBOR
Floating Rate Index Ouoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap conventions	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
G M	
Swap Tenor	7 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
ayment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1342. MAT IRS EUR Swap vs 3M IMM 7 Years (LCH)

Control to Organization	An agreement to exchange a strong of each flows by analying a fixed and floating interest rate to a gracified
Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [Fixed Pay] 5M [IMM start/end month]
· ·	3 Month EUR-EURIBOR
Floating Rate Index	
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fined actional as careed by counterwestics
Minimum Size	Fixed notional; as agreed by counterparties As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	
	Payment: Annual Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	•
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	7 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Proating interest Rate index and Proating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1343. MAT IRS EUR Swap vs 3M IMM 8 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Ouoting Convention and	As agreed by counterparties
Minimum Increment	rs agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	,
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	8 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
Tiepot mote Develo	120 Section Co. 100 Augustion 10:00

RULE 1344. MAT IRS EUR Swap vs 3M IMM 8 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly Compared to Compared
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	8 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
First Fixing Date Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	115 Set III CT TC Regulation 13.03

RULE 1345. MAT IRS EUR Swap vs 3M IMM 9 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract over view	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Tuy menty research
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
-I	

RULE 1346. MAT IRS EUR Swap vs 3M IMM 9 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Ouoting Convention and	As agreed by counterparties
Minimum Increment	This agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
_	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
First Firing Date	Payments are settled in accordance with payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
First Fixing Date	International Money Market ("IMM") (next four IMM dates)
Trade Start Types Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
Reportable Levels	As set in Crite Regulation 13.03

RULE 1347. MAT IRS EUR Swap vs 3M IMM 10 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	
Ticker	notional over a term to maturity. EUR [Fixed Pay] 3M [IMM start/end month]
	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	
	Payment: Annual Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	, ,
	• Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	10 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Floating Interest Rate index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	As set in Cr 10 regulation 13.03

RULE 1348. MAT IRS EUR Swap vs 3M IMM 10 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Ouoting Convention and	As agreed by counterparties
Minimum Increment	The agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
_	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	1
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	10 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Bute	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1349. MAT IRS EUR Swap vs 3M IMM 20 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	• Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
TI (TI)	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1350. MAT IRS EUR Swap vs 3M IMM 20 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Ouoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	, , ,
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1351. MAT IRS EUR Swap vs 3M IMM 30 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	, , , , , , , , , , , , , , , , , , , ,
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1352. MAT IRS EUR Swap vs 3M IMM 30 Years (LCH)

notional over a term to maturity.	Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Ticker	contract over view	
Floating Rate Index 3 Month EUR-EURIBOR	Ticker	
Swap Convention and Minimum Increment		
As agreed by counterparties	· ·	
Minimum Increment	8	
Minimum Size As agreed by counterparties		
Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float.	Contract Size / Notional	Fixed notional; as agreed by counterparties
Sell = Receive Fixed, Pay Float. Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Fixed Earl Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Fixed Leg: The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure Trading Hours O0:001 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Set in Part 151 of the CFTC Regulations As et forth in Appendix F to Part 43 of the CFTC Regulations.	Minimum Size	As agreed by counterparties
Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Payment/Resets: Quarterly Day Count Conventions: ACT/360 Fixing Calendar: Target Fi	Trading Conventions	Buy = Pay Fixed, Receive Float.
Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Oo:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations		Sell = Receive Fixed, Pay Float.
Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Fleetive Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Oo:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations	Swap Conventions	Fixed Leg
Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		Payment: Annual
Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue ICH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		Day Count Conventions: ACT/360
Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue ICH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		Holiday Calendar: Target
Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor Joyears The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Trade Start Types Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours On:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		·
Payment/Resets : Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Oi:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue ILCH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		, , , , , , , , , , , , , , , , , , , ,
Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor Swap Tenor The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue On:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		
Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 30 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		
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Swap Tenor So years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Floating Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Clearing Venue LCH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		, ,
Swap Tenor 30 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue O0:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		
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The set in Crite Regulation 13.03	Reportable Levels	As set in CFTC Regulation 15.03

RULE 1353. MAT IRS EUR Swap vs 6M IMM 2 Years (CME)

notional over a term to maturity. Ticker	Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Ticker EUR [Fixed Pay] 6M [IMM start/end month] Currency EUR Floating Rate Index 6 Month EUR-EURIBOR Quoting Convention and Minimum Increment Contract Size / Notional Minimum Size A sqreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets : Quarterly Payment/Resets : Quarterly Payment and Resets Fixed Leg Fixing Calendar: Target	Contract Overview	
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Floating Rate Index Quoting Convention and Minimum Increment		
Quoting Convention and Minimum Increment As agreed by counterparties Contract Size / Notional Fixed notional; as agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Fixed, Pay Float. Swap Conventions Fixed Leg • Payment: Annual • Day Count Conventions: ACT/360 • Holiday Calendar: Target • Payment/Resets : Quarterly • Day Count Conventions: Modified Following with adjustment to period end dates Floating Leg • Payment/Resets : Quarterly • Day Count Conventions: ACT/360 • Holiday Calendar: Target • Fixing Calendar: Target • Fixing Calendar: Target • Fixing Calendar: Target • Fixing Calendar: Target • Fixing Calendar: Target • Fixing Calendar: Target Feffective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. <th></th> <th></th>		
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Fixed notional Fixed notional; as agreed by counterparties		As agreed by counterparties
Minimum Size		Fixed notional as agreed by counterparties
Swap Conventions		
Sell = Receive Fixed, Pay Float.		
Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Fixing Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor Z years Find date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue CME Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. As set forth in Appendix F to Part 43 of the CFTC Regulations.	Trading Conventions	
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Reportable Levels As set in CFTC Regulation 15.03	Reportable Levels	

RULE 1354. MAT IRS EUR Swap vs 6M IMM 2 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR [Fixed Pay] 6M [IMM stativend month]
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
 	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	B
E' E' ' D. I	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates) Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
Reportable Levels	As set in Crac Regulation 15.05

RULE 1355. MAT IRS EUR Swap vs 6M IMM 3 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Ouoting Convention and	As agreed by counterparties
Minimum Increment	and a second production of the second producti
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	,
	• Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	3 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
35.4. 11. 15.4	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
r ayment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, I routing interest that made I routing reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1356. MAT IRS EUR Swap vs 6M IMM 3 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR [Tixed Tay] OWI [INVINI Stational month]
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	į
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	3 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
71 . 71 . 7	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1357. MAT IRS EUR Swap vs 6M IMM 4 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract over view	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly Payment/Resets: A CTV/050
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	4 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
.1	U 1995

RULE 1358. MAT IRS EUR Swap vs 6M IMM 4 Years (LCH)

Contract Overview	pecifical
Ticker	
Currency EUR Floating Rate Index 6 Month EUR-EURIBOR Quoting Convention and Minimum Increment Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: ACT/360	
Floating Rate Index Quoting Convention and Minimum Increment Contract Size / Notional Minimum Size Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: ACT/360	
Quoting Convention and Minimum Increment As agreed by counterparties Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg • Payment: Annual • Day Count Conventions: ACT/360	
Minimum Increment Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: ACT/360	
Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg • Payment: Annual • Day Count Conventions: ACT/360	
Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: ACT/360	
Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: ACT/360	
Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: ACT/360	
Payment: AnnualDay Count Conventions: ACT/360	
Day Count Conventions: ACT/360	
Holiday Calendar: Target	
Business Day Conventions: Modified Following with adjustment to period end da	tes
Floating Leg	ics
Payment/Resets : Quarterly	
 Day Count Conventions: ACT/360 	
Holiday Calendar: Target	
Fixing Calendar: Target	
Business Day Conventions: Modified Following with adjustment to period end of	lates
Swap Tenor 4 years	
Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest ra	te payments.
Also known as the start date of the swap.	
Maturity Date The final date on which the obligations no longer accrue and the final payment occurs.	
Periodic Settlement: Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency	luency, Day
Payment and Resets Count Convention and Fixed Interest Rate.	_
Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment	t Frequency,
Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.	
Payments are settled in accordance with payment frequency of the swap.	
First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.	
Trade Start Types International Money Market ("IMM") (next four IMM dates)	
Fixed Rate Par	
Settlement Procedure As determined by the Clearing Venue	
Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time	
Clearing Venue LCH	
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.	
Speculative Limits As set in Part 151 of the CFTC Regulations	
Reportable Levels As set in CFTC Regulation 15.03	

RULE 1359. MAT IRS EUR Swap vs 6M IMM 5 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
ļ	Payment: Annual
	Day Count Conventions: ACT/360
 	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
· ·	Floating Leg
· ·	Payment/Resets : Quarterly
· ·	· · · · · · · · · · · · · · · · · · ·
	Day Count Conventions: ACT/360
· ·	Holiday Calendar: Target
· ·	Fixing Calendar: Target
· ·	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	5 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
· ·	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
· ·	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
· ·	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1360. MAT IRS EUR Swap vs 6M IMM 5 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	5 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
1 ayment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Duy count convenient, rouning meters time I country to the state of
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportubic Develo	1 to bet in C1 1C Regulation 15.05

RULE 1361. MAT IRS EUR Swap vs 6M IMM 6 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	6 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Ti (Fit)	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1362. MAT IRS EUR Swap vs 6M IMM 6 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract over view	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	6 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Demonstration and I discount and I discount for the second
E' E' D	Payments are settled in accordance with payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
First Fixing Date Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set form in Appendix 1 to 1 are 4.5 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in Part 151 of the CFTC Regulations As set in CFTC Regulation 15.03
reportable Levels	1 is see in C1 1C regulation 15.05

RULE 1363. MAT IRS EUR Swap vs 6M IMM 7 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
m	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	· ·
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	7 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set form in Appendix F to Part 45 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in Fact 131 of the CFTC Regulations As set in CFTC Regulation 15.03
Reportable Levels	As set in Crite Regulation 13.03

RULE 1364. MAT IRS EUR Swap vs 6M IMM 7 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR [Fixed Fay] OW [INNIN Stativend month]
	6 Month EUR-EURIBOR
Floating Rate Index	
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	
	Payment: Annual
	• Day Count Conventions: ACT/360
	Holiday Calendar: Target
,	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
,	Payment/Resets : Quarterly
,	 Day Count Conventions: ACT/360
	Holiday Calendar: Target
,	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	7 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1365. MAT IRS EUR Swap vs 6M IMM 8 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterpairties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	8 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1366. MAT IRS EUR Swap vs 6M IMM 8 Years (LCH)

An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specification notional over a term to maturity. Ticker	
Ticker EUR [Fixed Pay] 6M [IMM start/end month] Currency EUR Floating Rate Index 6 Month EUR-EURIBOR Quoting Convention and Minimum Increment Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Pay Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg	
Currency Floating Rate Index Quoting Convention and Minimum Increment Contract Size / Notional Minimum Size Trading Conventions Swap Conventions Fixed notional; as agreed by counterparties Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Sell = Receive Fixed, Pay Float. Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg	
Floating Rate Index Quoting Convention and Minimum Increment Contract Size / Notional Minimum Size Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg	
Quoting Convention and Minimum Increment As agreed by counterparties Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg • Payment: Annual • Day Count Conventions: ACT/360 • Holiday Calendar: Target • Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg	
Minimum Increment Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg • Payment: Annual • Day Count Conventions: ACT/360 • Holiday Calendar: Target • Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg	
Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg • Payment: Annual • Day Count Conventions: ACT/360 • Holiday Calendar: Target • Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg	
Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg • Payment: Annual • Day Count Conventions: ACT/360 • Holiday Calendar: Target • Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg	
Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg	
Sell = Receive Fixed, Pay Float. Swap Conventions Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg	
Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg	
 Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg 	
 Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg 	
 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg 	
Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg	
Floating Leg	
, and the second	
D (/D) 0 (1	
 Payment/Resets : Quarterly 	
Day Count Conventions: ACT/360	
Holiday Calendar: Target	
Fixing Calendar: Target	
· · · · · · · · · · · · · · · · · · ·	
Business Day Conventions: Modified Following with adjustment to period end dates	
Swap Tenor 8 years	
Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate page.	/ments.
Also known as the start date of the swap.	
Maturity Date The final date on which the obligations no longer accrue and the final payment occurs.	
Periodic Settlement: Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequenc Count Convention and Fixed Interest Rate.	y, Day
Payment and Resets Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Fred	ulonov.
Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.	uency,
Day Count Convention, Floating interest Rate intex and Floating Reset Dates.	
Payments are settled in accordance with payment frequency of the swap.	
First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.	
Trade Start Types International Money Market ("IMM") (next four IMM dates)	
Fixed Rate Par	
Settlement Procedure As determined by the Clearing Venue	
Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time	
Clearing Venue LCH	
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.	
Speculative Limits As set in Part 151 of the CFTC Regulations	
Reportable Levels As set in CFTC Regulation 15.03	

RULE 1367. MAT IRS EUR Swap vs 6M IMM 9 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	7.8 agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	• Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Decements are cataled in accordance with neumant frequency of the grown
First Fixing Date	Payments are settled in accordance with payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Develo	120 Section of 10 Regulation 10:00

RULE 1368. MAT IRS EUR Swap vs 6M IMM 9 Years (LCH)

G	
Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Ticker	notional over a term to maturity. EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR [Fixed Pay] om [livini starvend month]
Floating Rate Index	6 Month EUR-EURIBOR
8	As agreed by counterparties
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
F	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
,	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1369. MAT IRS EUR Swap vs 6M IMM 10 Years (CME)

An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity. Ticker
Ticker EUR [Fixed Pay] 6M [IMM start/end month] Currency EUR Floating Rate Index 6 Month EUR-EURIBOR Quoting Convention and Minimum Increment Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties
Currency EUR Floating Rate Index 6 Month EUR-EURIBOR Quoting Convention and Minimum Increment As agreed by counterparties Contract Size / Notional Minimum Size Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties
Floating Rate Index 6 Month EUR-EURIBOR Quoting Convention and Minimum Increment Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties
Quoting Convention and Minimum Increment As agreed by counterparties Contract Size / Notional Minimum Size Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties
Minimum Increment Fixed notional; as agreed by counterparties Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties
Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties
Minimum Size As agreed by counterparties
Trading Conventions Buy = Pay Fixed, Receive Float.
Sell = Receive Fixed, Pay Float.
Swap Conventions Fixed Leg
Payment: Annual
Day Count Conventions: ACT/360
Holiday Calendar: Target
Business Day Conventions: Modified Following with adjustment to period end dates
Floating Leg
Payment/Resets : Quarterly
Day Count Conventions: ACT/360
Holiday Calendar: Target
Fixing Calendar: Target
 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 10 years
Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payment
Also known as the start date of the swap.
Maturity Date The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Da
Payment and Resets Count Convention and Fixed Interest Rate.
Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequence
Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Payments are settled in accordance with payment frequency of the swap.
First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types International Money Market ("IMM") (next four IMM dates)
Fixed Rate Par
Settlement Procedure As determined by the Clearing Venue
Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue CME
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits As set in Part 151 of the CFTC Regulations
Reportable Levels As set in CFTC Regulation 15.03

RULE 1370. MAT IRS EUR Swap vs 6M IMM 10 Years (LCH)

Contract Overview	
Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	, , , , , , , , , , , , , , , , , , , ,
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	10 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Enecuve Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
Tuylinent and Reseas	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	110 DOC III CL LO TROGUIMITOR 15.00

RULE 1371. MAT IRS EUR Swap vs 6M IMM 12 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract over view	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	12 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
-	

RULE 1372. MAT IRS EUR Swap vs 6M IMM 12 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Ouoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	 Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly Payment/Resets : Quarterly Payment/Resets : Quarterly Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	12 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fiving Data	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
First Fixing Date Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	As set in Ci 1C regulation 13.03

RULE 1373. MAT IRS EUR Swap vs 6M IMM 15 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR [Fixed Fay] (W) [IMM Stativend month)
Floating Rate Index	6 Month EUR-EURIBOR
	As agreed by counterparties
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	· · · · · · · · · · · · · · · · · · ·
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	15 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Mark to Date	Also known as the start date of the swap.
Maturity Date Periodic Settlement:	The final date on which the obligations no longer accrue and the final payment occurs.
Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Fayment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Floating interest Rate index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	
	As set in Part 151 of the CFTC Regulations

RULE 1374. MAT IRS EUR Swap vs 6M IMM 15 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	715 agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
ļ	Payment: Annual
ļ	Day Count Conventions: ACT/360
	Holiday Calendar: Target
ļ	Business Day Conventions: Modified Following with adjustment to period end dates
ļ	Floating Leg
ļ	Payment/Resets : Quarterly
ļ	Day Count Conventions: ACT/360
ļ	
ļ	,
ļ	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	15 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
35 () 5 (Also known as the start date of the swap.
Maturity Date Periodic Settlement:	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
r ayment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Zay count con containing motor and more made and some zeros.
ļ	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1375. MAT IRS EUR Swap vs 6M IMM 20 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Downsta an establish accordance with normant foreveney of the even
Einst Eining Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates)
Trade Start Types Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
Reportable Levels	As set in CFTC Regulation 15.05

RULE 1376. MAT IRS EUR Swap vs 6M IMM 20 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	• • • • • • • • • • • • • • • • • • • •
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (Et : D)	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1377. MAT IRS EUR Swap vs 6M IMM 30 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract over view	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	 Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1378. MAT IRS EUR Swap vs 6M IMM 30 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
contract over view	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	• Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	 Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Description of the discount of the country of the c
Et Et D. 4	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates)
Trade Start Types Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set form in Appendix 1 to 1 at 4.5 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in Fact 131 of the CFTC Regulations As set in CFTC Regulation 15.03
reportable Levels	As set in Ci 1C regulation 13.03

CHAPTER 14.FX CONTRACTS TERMS AND CONDITIONS

RULE 1401. FX Contract – Non-Deliverable Forward

Contract Overview	A non-deliverable forward (NDF) is an outright forward in which counterparties settle the difference
00=10100 0 100 100 11	between the contracted NDF price or rate and the prevailing spot price or rate on an agreed notional amount.
Reference Currency	Non-deliverable currency
-	BRL Brazilian Real
	ARS Argentine Peso
	CNY Chinese Renminbi
	IDR Indonesian Rupiah
	INR Indian Rupee
	KRW South Korean Won
	MYR Malaysian Ringgit
	PHP Philippine Peso
	TWD Taiwan Dollar
	VND Vietnamese dồng
	EGP Egyptian pound
	RUB Russian ruble
	KZT Kazakh tenge
	CLP Chilean Peso
	COP Colombian Peso
	PEN Peruvian nuevo sol
	UAH Ukrainian hryvnia
	NGN Nigerian naira
	GHS Ghanaian cedi
	PKR Pakistani rupee
Settlement Currency	See currency list below
Quoting Convention and	Notional amount, as agreed by counterparties
Minimum Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which contract size is expressed in
Trading Conventions	Buy or Sell which refers to the contract size expressed in notional currency
Forward Rate	Currency Exchange rate expressed as the amount of Reference currency per unit of Settlement currency
Trade Date	The date on which parties enter into the contract
Settlement Date	Specified settlement or payment date
Fixing Date	The date at which the difference between the prevailing market exchange rate and the agreed upon exchange
	rate is calculated.
Settlement Procedure	Bilateral settlement performed in settlement currency based on the exchange rate published by sources set
	forth in Attachment B hereto.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1402. FX Contract – Vanilla FX Option

Contract	A foreign-exchange option (commonly shortened to just FX option or currency option) is a derivative financial
Overview	instrument that gives the owner the right but not the obligation to exchange money denominated in one currency into
	another currency at a pre-agreed exchange rate on a specified date.
Trade Date	The date on which parties enter into the contract
Option Style	American / European
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
Option Type	Put/ Call
	Call option – the right to buy an asset at a fixed date and price.
	Put option – the right to sell an asset a fixed date and price.
Call Currency	Currency for call option
Put Currency	Currency for put option
Strike Price	The exchange rate agreed upon inception of the contract at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium	Currency in which option premium is expressed in
currency	
Premium Date	Date on which premium amount is due
Quoting	Notional amount, as agreed by counterparties
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which contract size is expressed in
Currency	
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable	As set in CFTC Regulation 15.03
Levels	

RULE 1403. FX Contract – Exotic FX Option

Contract Overview	An exotic foreign-exchange option is an option which has more than one trigger relating to the determination of the payoff.
Trade Date	The date on which parties enter into the contract
Option Style	 American / European A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date.
Option Type	Put/ Call Call option – the right to buy an asset at a fixed date and price. Put option – the right to sell an asset a fixed date and price.
Call Currency	Currency for call option
Put Currency	Currency for put option
Strike Price	The currency exchange rate at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Barrier Low	Pre-set low <i>barrier level</i> either springs the option into existence or extinguishes an already existing option.
Barrier High	Pre-set high <i>barrier level</i> either springs the option into existence or extinguishes an already existing option.
Barrier Style	American / European
	 Up-and-out: spot price starts below the barrier level and has to move up for the option to be knocked out. Down-and-out: spot price starts above the barrier level and has to move down for the option to become null and void. Up-and-in: spot price starts below the barrier level and has to move up for the option to become activated. Down-and-in: spot price starts above the barrier level and has to move down for the option to become activated.
Expiration Time	Time at which option contract expires (cut off time)
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which option premium is expressed in
Premium Date	Date on which premium amount is due
Quoting Convention and Minimum Increment	Notional amount, as agreed by counterparties
Notional Currency	Currency in which contract size is expressed in
Settlement Procedure	Bilateral settlement performed in settlement currency
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1404. FX Contract – Precious Metals

	pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference	• Gold
Commodities	Silver
	Palladium
1	Platinum
Contracts on	NYMEX Palladium
TD 6	NYMEX Platinum
C	COMEX Gold
	COMEX Silver ICE Gasoil (Monthly)
	A currency listed below.
Currency	
	Notional amount, as agreed by counterparties
Convention	
and Minimum	· ·
Increment	
	Notional amount, as agreed by counterparties
	A currency listed below.
Currency	
	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Conventions	
	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can be netted)
Settlement Procedure	Bilateral cash settlement performed in settlement currency
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1405. FX Contract – Average Rate Forward

Contract Overview	An average rate forward allows the buyer the ability to create a hedge rate for a future exposure by locking in forward points and a spot rate. At some point in the future, there is an averaging period of daily spot observations to determine an average rate which, when compared to the hedge rate, will set the payout. Unlike options, this hedge tool is a forward contract and has no premium cost associated with it.
Currency Pair	Underlying currency instrument composed of ISO currency codes (ISO 4217) of the base currency and the counter currency, separating them with a slash character; see currency list below
Settlement Currency	See currency list below
Quoting Convention and Minimum Increment	Notional amount, as agreed by counterparties
Minimum Size	\$1
Notional Currency	Currency in which contract size is expressed
Trading Conventions	Buy or Sell which refers to the contract size expressed in notional currency
Forward Rate	Currency Exchange rate expressed as the amount of Reference currency per unit of Settlement currency
Trade Date	The date on which parties enter into the contract
Settlement Date	Settlement or payment date
Fixing Date	End of observation period specified by counterparties
Frequency	Observation frequency specified by counterparties
Settlement	Bilateral settlement performed in settlement currency based on the exchanges rate published by either Bloomberg
Procedure	(BFIX) or Reuters (WM/Reuters)
Trading Hours	00:01 - 24:00 Sunday-Friday (Eastern Time)
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1406. FX Contract – ARS Non-Deliverable Forward

In addition to the above, and subject to Bloomberg SEF Rule 523, all of the template terms for the confirmation of an NDF transaction in the currency pair that is the subject of a particular Swap, as the term Swap is defined in BSEF's rules, as recommended by EMTA, Inc. ("EMTA") or a recognized successor (such template terms in effect on the Effective Date and published and available at www.emta.org or any successor website, the "Relevant EMTA Template") shall apply to such Swap. For the avoidance of doubt, if the Relevant EMTA template becomes effective after the Effective Date of a Swap, such Relevant EMTA Template shall not apply to or amend the terms of such Swap.

Contract Overview	A non-deliverable forward (NDF) is an outright forward in which counterparties settle the difference
	between the contracted NDF price or rate and the prevailing spot price or rate on an agreed notional amount.
Reference Currency (i.e., Non-	ARS Argentine Peso
Deliverable Currency)	
Settlement Currency	USD
Quoting Convention and	Notional amount, as agreed by counterparties
Minimum Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which contract size is expressed in, as agreed by counterparties
Trading Conventions	Buy or Sell, which refers to the contract size expressed in notional currency
Forward Rate	Currency Exchange rate expressed as the amount of Reference currency per unit of Settlement Currency
Trade Date	The date on which parties enter into the contract
Settlement Date	Specified settlement or payment date, as agreed by counterparties
Fixing Date	The date at which the difference between the prevailing market exchange rate and the agreed upon exchange
	rate is calculated.
Settlement Procedure	Bilateral settlement performed in settlement currency based on the EMTA ARS Industry Survey Rate /
	EMTA ARS Indicative Survey Rate (secondary); BFIX or BGN.
Trading Hours	00:01 - 24:00 (ET), Sunday-Friday
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

CHAPTER 15.COMMODITIES CONTRACTS TERMS AND CONDITIONS

RULE 1501. Commodities – Fixed/Floating Strip Contract

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets) combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The
	strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference	• Zinc
Commodities	Aluminum
	Aluminum Alloy
	Copper
	Nickel
	• Tin
	Lead
	Steel Billet
	Live Cattle
	• Corn
	• Wheat
	• Copper
	• Gold
	• Silver
	Henry Hub Natural Gas
	Waha Natural Gas
	Permian Natural Gas Basis Swap
	New York Harbor Heating Oil
	WTI Crude
	Palladium
	Platinum
	Iron Ore
	Gasoil
	Brent Crude
	TTF Natural Gas
Contracts on	LME Zinc
Reference	LME Aluminum
Commodities	LME Aluminum Alloy
	• LME Copper
	LME Nickel
	• LME Tin
	LME Lead
	LME Steel Billet
	• CBOT Corn
	• CBOT Wheat
	NYMEX Henry Hub Natural Gas (Index Swap Future)
	NYMEX Waha Natural Gas Basis Swap
	NYMEX Permian Natural Gas Basis Swap
	NYMEX New York Harbor Heating Oil
	NYMEX WTI Crude
	NYMEX Palladium
	NYMEX Platinum
	NYMEX Iron Ore
	COMEX Copper
	COMEX Gold
	COMEX Silver ICE Gasoil (Monthly)
	ICE Brent Crude (Monthly)
	ICE TTF Natural Gas (Monthly)

g 41 4 G	Commencia which are not as an all between the terms of th
Settlement Currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting Convention	Notional amount per striplet, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount per striplet, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted:
Notional Currency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified
	for either the strip or the underlying striplets.
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range
	the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.
Trade Date	The date on which parties enter into the contract
11aue Date	The date on which parties enter into the contract
Settlement Date(s)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement
Settlement Date(8)	for each constituent striplet in the strip or overall settlement on the total strip
G till	
Settlement	Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent
Procedure	striplet in the strip or overall settlement on the total strip
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1502. Commodities – Fixed/Floating Swap Contract

Contract Overview	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees
Overview	to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the
	notional quantity and the price of an applicable futures contract based on the reference commodity over an agreed future
	calculation period.
Reference	• Zinc
Commodities	Aluminum
	Aluminum Alloy
	• Copper
	• Nickel
	• Tin
	• Lead
	Steel Billet
	• Live Cattle
	• Corn
	• Wheat
	• Copper
	• Gold
	• Silver
	Henry Hub Natural Gas
	Waha Natural Gas
	Permian Natural Gas Basis Swap
	New York Harbor Heating Oil
	WTI Crude
	Palladium
	• Platinum
	• Iron Ore
	• Gasoil
	Brent Crude
a	TTF Natural Gas
Contracts on	• LME Zinc
Reference	• LME Aluminum
Commodities	LME Aluminum Alloy
	• LME Copper
	• LME Nickel
	• LME Tin
	• LME Lead
	LME Steel Billet
	BM&F Bovespa Live Cattle GROW G.
	CBOT Corn CDOT VII
	CBOT Wheat
	NYMEX Henry Hub Natural Gas (Index Swap Future) NYMEY W. L. N. (1977)
	NYMEX Waha Natural Gas Basis Swap
	NYMEX Permian Natural Gas Basis Swap NYMEY New York Hardy a Hardyn Cil
	NYMEX New York Harbor Heating Oil NYMEY WITH Credes
	NYMEX WTI Crude NYMEY Polledium
	NYMEX Palladium NYMEY Distinguis
	NYMEX Platinum NYMEY Iron Organization
	NYMEX Iron Ore COMBY Common
	COMEX Copper COMEY Cold
	COMEX Gold COMEX Gibour ICE Consil (Monthly)
	COMEX Silver ICE Gasoil (Monthly) ICE Provide Conduction Of
	ICE Brent Crude (Monthly) OF TITE No. 1 Co. 24 ct 1)
	ICE TTF Natural Gas (Monthly)

Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	GBP
	• CAN
	• JPY
	• CHF
	• PLN
	• SEK
0 1	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention	
and Minimum	
Increment	National amount of a second horsestern still
Minimum Size Notional	Notional amount, as agreed by counterparties Currency in which the fixed and floating prices are quoted:
Notional Currency	
Currency	
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Conventions	
Calculation	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged
	(can be netted)
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	·
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1503. Commodities – Date Spread Contract

Contract	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty
Overview	agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount
	from the other counterparty on a different, later date. The difference between the two floating amounts is the spread,
	which is the quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of
	designated futures contracts over a calculation period of a given reference commodity.
Reference	• Zinc
Commodities	Aluminum
	Aluminum Alloy
	Copper
	Nickel
	• Tin
	• Lead
	Steel Billet
	Live Cattle
	• Corn
	Wheat
	Copper
	Gold
	Silver
	Henry Hub Natural Gas
	Waha Natural Gas
	Permian Natural Gas Basis Swap
	New York Harbor Heating Oil
	WTI Crude
	Palladium
	• Platinum
	• Iron Ore
	• Gasoil
	Brent Crude
	TTF Natural Gas
Contracts on	• LME Zinc
Reference	LME Aluminum
Commodities	LME Aluminum Alloy
	• LME Copper
	LME Nickel
	• LME Tin
	• LME Lead
	LME Steel Billet
	BM&F Bovespa Live Cattle
	CBOT Corn
	CBOT Coni CBOT Wheat
	NYMEX Henry Hub Natural Gas (Index Swap Future)
	NYMEX Waha Natural Gas Basis Swap
	NYMEX Permian Natural Gas Basis Swap
	NYMEX Perman Natural Gas Basis Swap NYMEX New York Harbor Heating Oil
	NYMEX WTI Crude
	NYMEX WITCHIGE NYMEX Palladium
	NYMEX Panadum NYMEX Platinum
	NYMEX Frauduli NYMEX Iron Ore
	COMEX Copper
	COMEX Gold
	 ICE Brent Crude (Monthly) ICE TTF Natural Gas (Monthly)
	• ICE 111 Natural Gas (Monthly)

Currency USD EUR GBP CAN JPY CHF BRL PLN SEK Currency in which payments are made between the two counterparties: Notional Currency USD Currency in which payments are made between the two counterparties:	Settlement	Currency in which payments are made between the two counterparties:
EUR GBP CAN JPY CHF BRL PLN SEK KRW Notional amount, as agreed by counterparties Notional Currency Notional amount, as agreed by counterparties Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Calculation Period(s) Trade Date Trade Date The date on which counterparties enter into the contract Settlement Date(s) Settlement Date(s) Settlement Procedure Trading Hours As set forth in Appendix F to Part 43 of the CFTC Regulations. As set forth in Part 151 of the CFTC Regulations. As set forth in Part 151 of the CFTC Regulations.		
GBP CAN JPY CHF BRL PLN SEK KRW		
CAN		
PFY CHF BRL PLN SEK KRW Notional amount, as agreed by counterparties		
Currency Notional Currency Not		
BRL PLN SEK KRW		
PLN SEK KRW Notional amount, as agreed by counterparties Notional Minimum Size Notional Currency Notional Notional Currency Notional Currency Notional Noti		
Outing Convention and Minimum Increment Minimum Size Notional Currency Notional amount, as agreed by counterparties Outrency Notional amount, as agreed by counterparties Currency Notional Notional amount, as agreed by counterparties Currency Notional Currency Notional Notional amount, as agreed by counterparties Currency Notional Notional Currency Notional Notional Notional Amount, as agreed by counterparties Notional		
Quoting Convention and Minimum Increment Minimum Size Notional Currency Notional Currency Notional Currency LUSD BUR BUR BUR CAN JPY CHF BRL PLN SEK KRW Trading Conventions Calculation Period(s) Trade Date Settlement Procedure Trading Hours Settlement Procedure Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits Notional amount, as agreed by counterparties Currency LUSD LUSD LUSD LUSD LUR CURP BUR CAN JPY CHF BUR CAN JPY CHF BUR Conventions Trading Conventions Tho calculation periods — one for each leg of the spread. Each can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date Trade Date As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		• PLN
Notional amount, as agreed by counterparties		• SEK
Convention and Minimum Increment Minimum Size Notional Currency Notional Currency I USD EUR GBP CAN I JPY CHF BBL PLN SEK KRW Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Calculation Period(s) Trade Date Trade Date Trade Date Trade Date Trade Date Trade Date The date on which counterparties enter into the contract Settlement Date(s) Settlement Date(s) Settlement Date(s) Settlement Date(s) As set forth in Appendix F to Part 43 of the CFTC Regulations Speculative Limits As set forth in Part 151 of the CFTC Regulations		• KRW
Convention and Minimum Increment Minimum Size Notional Currency Notional Currency I USD EUR GBP CAN I JPY CHF BBL PLN SEK KRW Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Calculation Period(s) Trade Date Trade Date Trade Date Trade Date Trade Date Trade Date The date on which counterparties enter into the contract Settlement Date(s) Settlement Date(s) Settlement Date(s) Settlement Date(s) As set forth in Appendix F to Part 43 of the CFTC Regulations Speculative Limits As set forth in Part 151 of the CFTC Regulations	Ouoting	Notional amount, as agreed by counterparties
Increment Minimum Size Notional amount, as agreed by counterparties		1
Notional amount, as agreed by counterparties	and Minimum	
Notional amount, as agreed by counterparties		
Currency USD		Notional amount, as agreed by counterparties
• EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Trading Conventions Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Calculation Period(s) Trade Date The date on which counterparties enter into the contract Settlement Date(s) Settlement Procedure Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations	Notional	Currency in which payments are made between the two counterparties:
• GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Trading Conventions Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Calculation Period(s) Trade Date The date on which counterparties enter into the contract Settlement Date(s) Settlement Procedure Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations	Currency	• USD
• GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Trading Conventions Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Calculation Period(s) Trade Date The date on which counterparties enter into the contract Settlement Date(s) Settlement Procedure Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		• EUR
CAN JPY CHF BRL PLN SEK KRW Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Calculation Period(s) Trade Date The date on which counterparties enter into the contract Settlement Date(s) Settlement Procedure Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		
IPY CHF BRL PLN SEK KRW Trading Conventions Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date The date on which counterparties enter into the contract Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Settlement Procedure Trading Hours Overlapped As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		
CHF BRL PLN SEK KRW Trading Conventions Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date The date on which counterparties enter into the contract Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency Trading Hours O:0:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		
 BRL PLN SEK KRW Trading Conventions Calculation Period(s) Trade Date The date on which counterparties enter into the contract Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations		
PLN SEK KRW Trading Conventions Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date The date on which counterparties enter into the contract Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		
Trading Conventions Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date The date on which counterparties enter into the contract Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		
Trading Conventions Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Calculation Period(s) Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date The date on which counterparties enter into the contract Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		
Trading Conventions Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance. Calculation Period(s) Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date The date on which counterparties enter into the contract Settlement Date(s) Settlement Procedure Trading Hours Bilateral cash settlement performed in settlement currency Trading Hours As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		• SEK
Conventions second leg must be selling, for instance. Calculation Period(s) Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date The date on which counterparties enter into the contract Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Settlement Procedure Bilateral cash settlement performed in settlement currency Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		
Calculation Period(s) Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date The date on which counterparties enter into the contract Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations	Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the
Period(s) price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date The date on which counterparties enter into the contract Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Settlement Procedure Bilateral cash settlement performed in settlement currency Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations	Conventions	second leg must be selling, for instance.
Period(s) price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date The date on which counterparties enter into the contract Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Settlement Procedure Bilateral cash settlement performed in settlement currency Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		
Trade Date The date on which counterparties enter into the contract Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Settlement Procedure Bilateral cash settlement performed in settlement currency Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations	Calculation	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference
Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Settlement Procedure Bilateral cash settlement performed in settlement currency Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations	Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Settlement Date(s) Specified settlement or payment date when the floating amounts are exchanged Settlement Procedure Bilateral cash settlement performed in settlement currency Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations	, ,	
Settlement Bilateral cash settlement performed in settlement currency	Trade Date	The date on which counterparties enter into the contract
Settlement Bilateral cash settlement performed in settlement currency		
Procedure Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		
Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		Bilateral cash settlement performed in settlement currency
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set forth in Part 151 of the CFTC Regulations		
Speculative Limits As set forth in Part 151 of the CFTC Regulations	Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Speculative Limits	Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	-	
	Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels As set forth in CFTC Regulation 15.03	Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1504. Commodities – Options Zinc Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
D.C.	or the underlying striplets.
Reference Commodities	• Zinc
Contracts on	. IME Zing
Reference	LME Zinc
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
D	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD • EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.

Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1505. Commodities – Options Aluminum Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of
	a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
, , , , ,	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Орион Туре	 Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Option Side	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	• Aluminum
Contracts on Reference Commodities	LME Aluminum
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
Tronnan curroncy	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Premium Date	Date on which premium amount is due
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1506. Commodities – Options Aluminum Alloy Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees,
	in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-
	agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of
	a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
Trade Date	applicable futures contract over a calculation period of a given reference commodity. The date on which parties enter into the contract
	American / European / APO
Option Style	
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Option side	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Aluminum Alloy
Commodities	Adminidii Aloy
Contracts on	LME Aluminum Alloy
Reference	EVIL Adminimi Anoy
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	N.C. 1
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1507. Commodities – Options LME Copper Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Sp. 23. 23. P.	 Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	• Copper
Contracts on Reference Commodities	LME Copper
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
Tremum currency	USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Premium Date	Date on which premium amount is due
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	r

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN
	• SEK • KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1508. Commodities – Options Nickel Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees,
	in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-
	agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of
	a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Nickel
Commodities	
Contracts on	LME Nickel
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
Strike Price	reference price will be averaged across all days. Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Price	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
C . 441 4	Bilateral settlement performed in settlement currency
Settlement Procedure	Billiateral sectionical performed in sectionical entropies

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1509. Commodities – Options Tin Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
option 13pc	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
-	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Tin
Commodities	
Contracts on	• LME Tin
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
G: 11 . T. I	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Ermination Data	exercise an option. Date at which option contract expires
Expiration Date Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
1 remain currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1510. Commodities – Options Lead Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees,
	in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-
	agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of
	a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
•	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Lead
Commodities	
Contracts on	LME Lead
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Expiration Date	exercise an option. Date at which option contract expires
Expiration Date Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
1 remain carrency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1511. Commodities – Options Steel Billet Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
option style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	 the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	Steel Billet
Contracts on Reference Commodities	LME Steel Billet
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
1 1 china carrency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• SEK • KRW
Duamium Data	Date on which premium amount is due
Premium Date	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Quoting Convention	Notional amount of the underlying commodity. Examples include parters, metric tons, business, MMBTOs, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	

Settlement	Currency in which the settlement payment is made
Currency	USD EUR GBP CAN JPY CHF BRL PLN SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1512. Commodities – Options Live Cattle Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	
	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Live Cattle
Commodities	
Contracts on	BM&F Bovespa Live Cattle
Reference	-
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
Don't on Dat	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1513. Commodities – Options Corn Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	 Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	• Corn
Contracts on	CBOT Corn
Reference Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Premium Date	Date on which premium amount is due
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency
110000010	I

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1514. Commodities – Options Wheat Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
• ••	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Wheat
Commodities	
Contracts on	CBOT Wheat
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN
	 JPY CHF BRL PLN SEK KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1515. Commodities – Options Henry Hub Natural Gas Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
T 1 D 1	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	 time. An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
option 13pc	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Henry Hub Natural Gas
Commodities	
Contracts on	NYMEX Henry Hub Natural Gas
Reference Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
Calculation Feriou	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
21	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	2
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1516. Commodities – Options Waha Natural Gas Contract

Contract Overview Trade Date Option Style	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity. The date on which parties enter into the contract American / European / APO • A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	 time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	 Put/ Call Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	Waha Natural Gas
Contracts on Reference Commodities	NYMEX Waha Natural Gas Basis Swap
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Premium Date	Date on which premium amount is due
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1517. Commodities – Options Permian Natural Gas Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees,
	in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-
	agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of
	a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
option style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Permian Natural Gas Basis Swap
Commodities	
Contracts on	NYMEX Permian Natural Gas Basis Swap
Reference	
Commodities Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
Calculation Period	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Suikeliice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
•	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure]

Settlement	Currency in which the settlement payment is made
Currency	USD EUR GBP CAN JPY CHF BRL PLN SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1518. Commodities – NY Harbor Heating Oil Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees,
	in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-
	agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of
	a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
Trade Date	applicable futures contract over a calculation period of a given reference commodity. The date on which parties enter into the contract
	American / European / APO
Option Style	
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Option Side	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	New York Harbor Heating Oil
Commodities	Town Town Towning on
Contracts on	NYMEX New York Harbor Heating Oil
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
D	• KRW
Premium Date	Date on which premium amount is due
Quoting Convention	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1519. Commodities – Options WTI Crude Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees,
	in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-
	agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of
	a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	WTI Crude
Commodities	
Contracts on	NYMEX WTI Crude
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
SHIKETHE	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
•	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure]

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1520. Commodities – Options Palladium Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Palladium
Commodities	
Contracts on	NYMEX Palladium
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
B	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention and Minimum	
and Minimum Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure Procedure	Diatoral settlement performed in settlement currency
11000010	

Settlement	Currency in which the settlement payment is made
Currency	USD EUR GBP CAN JPY CHF BRL PLN SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1521. Commodities – Options Platinum Contract

Contract Overview Trade Date	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity. The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	 Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
0 4 017	* .
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	Platinum
Contracts on Reference Commodities	NYMEX Platinum
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Premium Date	Date on which premium amount is due
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency
r rocedure	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1522. Commodities – Options Iron Ore Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees,
	in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-
	agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of
	a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
Trade Date	applicable futures contract over a calculation period of a given reference commodity. The date on which parties enter into the contract
	American / European / APO
Option Style	
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the project.
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Option Side	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Iron Ore
Commodities	- Ion ore
Contracts on	NYMEX Iron Ore
Reference	NIVEZ IOII OC
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	N.C. 1
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1523. Commodities – Options COMEX Copper Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees,
	in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-
	agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of
	a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
Trade Date	applicable futures contract over a calculation period of a given reference commodity. The date on which parties enter into the contract
	American / European / APO
Option Style	
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	 An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Option Side	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Copper
Commodities	Сорре
Contracts on	COMEX Copper
Reference	CONDITION OF THE PROPERTY OF T
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment Minimum Sign	Notional amount, as agreed by counterparties
Minimum Size	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Notional Unit Settlement	Bilateral settlement performed in settlement currency
Procedure	Bhatefal settlement performed in settlement currency
1 10ceunie	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN
	• SEK • KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1524. Commodities – Options Gold Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
op	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	 Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	• Gold
Contracts on Reference Commodities	COMEX Gold
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due
Premium Date	
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency
	I

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1525. Commodities – Options Silver Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
T. J.	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Silver
Commodities	
Contracts on	COMEX Silver
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
Strike Price	reference price will be averaged across all days. Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN
	• SEK • KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1526. Commodities – Options Gasoil Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference Commodities	• Gasoil
Contracts on	ICE Gasoil (Monthly)
Reference	• ICE Gason (Monuny)
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
Calculation 1 eriou	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strine Trice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
1 remain earrency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Ouoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	Totalona amount of the anaertying commonly. Examples include barters, metre tons, business, MIVID FOS, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	2 material section on portormed in section of currency
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Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1527. Commodities – Options Brent Crude Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference Commodities	Brent Crude
Contracts on	ICE Brent Crude (Monthly)
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	PLN
	• SEK
	KRW
Premium Date	Date on which premium amount is due
Ouoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	,,,,,,,, .
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
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Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1528. Commodities – Options TTF Natural Gas Contract

Contract Overview Trade Date Option Style	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity. The date on which parties enter into the contract American / European / APO • A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	 time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	 Put/ Call Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	TTF Natural Gas
Contracts on Reference Commodities	ICE TTF Natural Gas (Monthly)
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Premium Date	Date on which premium amount is due
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1529. Commodities – Options NY Harbor ULSD Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	New York Harbor Ultralow Sulfur Diesel
Contracts on	NYMEX New York Harbor Ultralow Sulfur Diesel
Reference	1 Milliam Tolk Haroot Oktabow Statisti Dieser
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
Culculation I criod	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Ouoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	Total and and of the distorying commonly. Examples metado carreis, metre tota, business, minter tos, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	,
1.00000010	1

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1530. Commodities – Option Strip Zinc Contract

	T
Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
O-4' C'-	the commodity over the period Buy or Sell, which refers to whether or not the option premium is paid
Option Side	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Zinc
Commodities	Zanc
Contracts on	LME Zinc
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Gran D. C.	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
Premium Date	KRW Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	and the state of t
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.

Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1531. Commodities – Option Strip Aluminum Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
Overview	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
0 4 7	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Aluminum
Commodities	
Contracts on	LME Aluminum
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	
Millimun Size	Notional amount, as agreed by counterparties
Notional Unit	Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.

Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1532. Commodities – Option Strip Aluminum Alloy Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
0.41 611.	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
Reference	or the underlying striplets.
Commodities	Aluminum Alloy
Contracts on	I ME Aluminum Allen
Reference	LME Aluminum Alloy
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
1 0110 0	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	SEK
	KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.

Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1533. Commodities – Option Strip LME Copper Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
Option Style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Copper
Commodities	
Contracts on	LME Copper
Reference	
Commodities	Saint fried day and the second which the ofference with fight and the will be adopted I for the second
Calculation Period	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
renou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
D	• KRW
Premium Date	Date on which premium amount is due
Quoting Convention	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	surp can have its own notional amount which is aggregated into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
00000000	1 - T

Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1534. Commodities – Option Strip Nickel Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
option Type	 Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
_	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Nickel
Commodities	
Contracts on	LME Nickel
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Trice	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
n	• KRW
Premium Date	Date on which premium amount is due
Quoting Convention	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	counterparties. Examples include parrels, metric tons, busnels, MIMBTUS, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Increment	surp can have its own nononar amount winch is aggregated into a total nononar amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
	1 1

Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	_
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1535. Commodities – Option Strip Tin Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	 An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
D.C.	or the underlying striplets.
Reference Commodities	• Tin
Contracts on	- IME To
Reference	• LME Tin
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
D	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP • CAN
	• CAN • JPY
	• CHF
	• Crir • BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.

Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1536. Commodities – Option Strip Lead Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
Option Style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Lead
Commodities	
Contracts on	• LME Lead
Reference	
Commodities	Spire fried day and a support this day of the spire of the support the state of the spire of the
Calculation Period	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
1 ci iou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
Duomium Data	KRW Data on which promium amount is due.
Premium Date Quoting	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.

Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1537. Commodities – Option Strip Steel Billet Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Steel Billet
Commodities	
Contracts on	LME Steel Billet
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
T : 4: D :	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
n .	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.

Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1538. Commodities – Option Strip Live Cattle Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
Option Style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Live Cattle
Commodities	
Contracts on	BM&F Bovespa Live Cattle
Reference	
Commodities	Spire fried day and the second bid by the second spire following the second day of t
Calculation Period	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
renou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
21	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
D	• KRW
Premium Date	Date on which premium amount is due
Quoting Convention	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	outp can have to own notional amount which is aggregated into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
00000000	T

Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1539. Commodities – Option Strip Corn Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
· F · · · · · · · · · · · ·	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
T. J.	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
•	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Com
Commodities	
Contracts on	CBOT Corn
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
<u> </u>	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
	The state of the s
Minimum Size	Notional amount, as agreed by counterparties
Minimum Size Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
	Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.

Settlement	Currency in which the settlement payment is made
Currency	• USD
-	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
_	
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1540. Commodities – Option Strip Wheat Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
O # T	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
0.41611.	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
Reference	or the underlying striplets.
Commodities	• Wheat
Contracts on	CDOT W
Reference	CBOT Wheat
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Teriou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
21110	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	100-100-100-100-100-100-100-100-100-100
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
	1 1

Settlement	Currency in which the settlement payment is made
Currency	• USD
-	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
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Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1541. Commodities – Option Strip Henry Hub Natural Gas Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Henry Hub Natural Gas
Commodities	
Contracts on	NYMEX Henry Hub Natural Gas
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
~ .	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.

Settlement	Currency in which the settlement payment is made
Currency	• USD
-	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
_	
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1542. Commodities – Option Strip Waha Natural Gas Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Tuodo Doto	The date on which parties enter into the contract
Trade Date	1
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
Option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Waha Natural Gas
Commodities	
Contracts on	NYMEX Waha Natural Gas Basis Swap
Reference	N I MEA wana Naturai Gas Basis Swap
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Tremum	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.

Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1543. Commodities – Option Strip Permian Natural Gas Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
- · · · · · · · · · · · · · · · · · · ·	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Permian Natural Gas
Commodities	
Contracts on	NYMEX Permian Natural Gas Basis Swap
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	• PLN
	• SEK
Promium Date	• SEK • KRW
Premium Date	SEK KRW Date on which premium amount is due
Quoting	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Quoting Convention	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Quoting Convention and Minimum	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Quoting Convention and Minimum Increment	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Quoting Convention and Minimum Increment Minimum Size	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Quoting Convention and Minimum Increment Minimum Size Notional Unit	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1544. Commodities – Option Strip NY Harbor Heating Oil Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
- F	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
Option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
0.4 6.1	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
D.C.	or the underlying striplets.
Reference	New York Harbor Heating Oil
Commodities	
Contracts on	NYMEX New York Harbor Heating Oil
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
G: 11 - 70 - 1	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
Duamium Data	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	National amount to a sound by countries
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1545. Commodities – Option Strip WTI Crude Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	WTI Crude
Commodities	
Contracts on	NYMEX WTI Crude
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Period	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
·	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	1
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	- · · · · - · · · · · · · · · · · · · ·
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1546. Commodities – Option Strip Palladium Contract

considerable as settled agreement. For each underlying commodity option striplet there is an agreement between two combigation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay in floating current market price per unit of a commodity and conversely to receive or pay in floating current market price per unit of a commodity and conversely to receive or pay in floating current market price per unit of a commodity and given reference commodity. Trade Date Option Style Option Style Option Type Pur Call per commodity option striplet • A American option on the other hand may be exercised only at the expiration date of the option, i.e. at a single pre-defined poin time. • An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised the expiration date. • An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised the expiration date. • An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised the expiration date. • An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised the expiration date. • An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised the expiration date. • Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of a commodity and receive the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity option striplet in the strip • Price		
whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive in fixed pries agreed strike price per unit of a commodity and conversely to receive or pay floating current market price per unit of a commodity is based on the notional quantity traded and the price of designal futures contracts. Trade Date Trade Date Option Style An American option on the other hand may be exercised only at the expiration date of the option, i.e. at a single pre-defined poin time. An American option on the other hand may be exercised only at the expiration date of the option, i.e. at a single pre-defined poin time. An American option on the other hand may be exercised of of the option of option of the option of option option of option of option option of option option of option optio	Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay in foating current market price per unit of a commodity and conversely to receive or pay in foating current market price per unit of the commodity is abased on the notional quantity traded and the price of designate futures contracts over a calculation period of a given reference commodity. The date on which parties enter into the contract Option Style American Option any be exercised only at the expiration date of the option, i.e. at a single pre-defined point time. A American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APD) (also known as an average value or "Asian" option) may only be exercise the expiration date at the end of the Calculation Period of the option Option Type Option He right to pay a fixed price per unit of a commodity and pay the floating market price per unit the commodities of the commodities Contracts on a NYMEX Palladium Reference Commodities Calculation Period Strike Price Expiration Date Expiration Date Expiration Time Settlement Date Premium The Period of the contract. The fixed price per unit of the underlying commodity will be calculated. If a date range reference price will be averaged across all days. Each commodity option striplet in the strip can have its own expiration due reference price will be averaged across all days. Each commodity option striplet in the strip can have its own expiration due reference price will be averaged across all days. Each commodity option striplet in the strip can have its own expiration due reference price will be averaged across all days. Each commodity option striplet in the strip can have its own expiration due reference price will be average	Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
Roading current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of designal futures contracts over a calculation period of a given reference commodity. The date on which parties center into the contract		whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
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Trade Date		The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
Trade Date The date on which parties enter into the contract		
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Put Call per commodity option striplet		
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Settlement Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.		
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Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.		
Speculative 1 As set in Part 151 of the CFTC Regulations		
	Speculative	As set in Part 151 of the CFTC Regulations
Limits	Limits	1

RULE 1547. Commodities – Option Strip Platinum Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
option style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
Option Type	
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Platinum
Commodities	
Contracts on	NYMEX Platinum
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Burne Tree	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own explication time.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
riemum	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	strip can have its own notional amount winen is aggregated into a total notional amount.
	National amount as agreed by counterparties
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
	i de la companya de

RULE 1548. Commodities – Option Strip Iron Ore Contract

Overview Services Ser		
cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparts whereby one control whereby one control whereby one control whereby one counterparts whereby one control whereby one counterparts departs on the commodity one counterparts of the	Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and convensely to receive or pay the floating current market price per unit of the commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated futures contracts over a calculation period of a given reference commodity. Trade Date Option Style American Funcyean / APO per commodity option striplet American Funcyean / APO per commodity option striplet An American period on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. Call option on the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity option option on the other hands of the commodity option striplet in the strip on the underlying striplets. Reference Commodities Contracts on experts of the protection can be specified for either the strip Price of the commodity option striplet in the strip can have its own calculation period. Price of the price of the commodity option striplet in the strip can have its own calculation period. Series of single date or date ranges over which the reference price of the commodity at which the investor can exercise an option. Each commodity option striplet in the strip can have its own septration	Overview	
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Trade Date The floating nurset price per unit of a commodity on a given specific fluture date.		
Trade Date Option Style Option Type Option Type Option Type Option Type Option Style Option Style Contracts on a calculation period of a specified for either the strip or the underlying striplet. **Promium Premium Option Type **Privation Time Settlement Date Option Type **Privation Time Settlement Date Option Type **Privation Time Settlement Date Option Type **Privation Time Option Type **Privation Time Option Type **Privation Time Option Type Option Type **Privation Time Option Type O		
Trade Date Trade Date The date on which parties enter into the contract An American / European / AFO per commodity option striplet A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American / European / AFO per commodity option striplet An Average Price Option (APO) (also known as an average value or "Aslam" option) may only be exercised at the expiration date at the end of the Calculation Period of the option Option Type Pur Call per commodity option striplet Call option — the right to pay a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period Pur option— the right to pay a fixed price per unit of a commodity and pay the floating market price per unit of the commodities of the commodity over the period Option Side Option Side Option Side Buy or Selt, which refers to whether or not the option premium is paid (buy) or received (self). Direction can be specified for either the strip or the underlying striplets. Reference Commodities Cautracts on Reference Commodities Calculation Period Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation period. Strike Price Expiration Date Expiration Date Expiration Title Expiration Date Expiration Date Series of single date or date ranges over which the reference price of the commodity at which the investor can exercise an option. Each commodity option striplet in the strip can have its own expiration time. Settlement Date Premium Premium Premium Premium Date Option Series Premium Date Option Series Premium Date Option Series Premium Date Option Series Option Series Notice price of the commodity option striplet in the strip can have its own permium which is aggregated into a total protinol amount. Notional Innit		
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American / European / APO per commodity option striplet	Trada Data	
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Speculative As set in Part 151 of the CFTC Regulations		
	Speculative	1.5 Set in 1 art 151 of the Cr 1 C Too guide only

RULE 1549. Commodities – Option Strip COMEX Copper Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	COMEX Copper
Commodities	
Contracts on	COMEX Copper
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Strike Price	period. Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Date Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Tremmum	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	1
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1550. Commodities – Option Strip Gold Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
• •	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
Option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the project.
0.41611.	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
D.C.	or the underlying striplets.
Reference	• Gold
Commodities	(A) (B) (B) (B)
Contracts on	COMEX Gold
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Ct II D I	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
E	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	As set in Fact 151 of the CFFC regulations
Lilling	

RULE 1551. Commodities – Option Strip Silver Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
Over view	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
Option Type	
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Silver
Commodities	
Contracts on	COMEX Silver
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Terrou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option. Each commodity option striplet in the strip can have its own strike.
F	
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	

RULE 1552. Commodities – Option Strip Gasoil Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
Option Style	American / European / APO per commonty option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Gasoil
Commodities	
Contracts on	ICE Gasoil (Monthly)
Reference	,
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
501110 11100	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Tremum	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	USD
currency	
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	
9	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	

RULE 1553. Commodities – Option Strip Brent Crude Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Brent Crude
Commodities	
Contracts on	ICE Brent Crude (Monthly)
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Strike Price	period. Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Price	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Date Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Tremmum	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	and the state of t
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	The second secon
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1554. Commodities – Option Strip TTF Natural Gas Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
0 4 61	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
Reference	or the underlying striplets. • TTF Natural Gas
Commodities	111 Natural Gas
Contracts on	ICE TTF Natural Gas (Monthly)
Reference	Tell 111 (within one (Mohiniy)
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
D :	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN • SEK
Premium Date	KRW Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	our can have the own notional amount which is aggregated into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1555. Commodities – Option Strip NY Harbor ULSD Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
0.01.12.	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not
	obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the
	floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
T 1. D. 4.	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Spann Side	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	New York Harbor Ultralow Sulfur Diesel
Commodities	• New York Harbot Cittatow Suntil Dieser
Contracts on	NVACV Nov. Vede Heder Ultralen Celfon Direct
Reference	NYMEX New York Harbor Ultralow Sulfur Diesel
Commodities	
	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Calculation	
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Ct. II. D. t	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
D 1 D 1	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1556. Commodities – Fixed/Floating Swap/Cash Settled Forward Mont Belvieu LDH Propane Contract

Contract Overview	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference	Mont Belvieu LDH Propane
Commodities	
Contracts on Reference Commodities	NYMEX Mont Belvieu LDH Propane
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting Convention and Minimum Increment	Notional amount, as agreed by counterparties
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which the fixed and floating prices are quoted:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Conventions Calculation	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can be netted)
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1557. Commodities – Fixed/Floating Strip Mont Belvieu LDH Propane Contract

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets)
	combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The
D.C.	strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference Commodities	Mont Belvieu LDH Propane
Contracts on	NYMEX Mont Belvieu LDH Propane
Reference	NTMEA Mont Betylet LDB Propane
Commodities	
Settlement Currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Quoting Convention	Notional amount per striplet, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount per striplet, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted:
	USD EUR
	GBP CAN
	JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified
Truumg conventions	for either the strip or the underlying striplets.
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range
	the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.
Trade Date	The date on which parties enter into the contract
	-
Settlement Date(s)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement
	for each constituent striplet in the strip or overall settlement on the total strip
Settlement	Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent
Procedure	striplet in the strip or overall settlement on the total strip
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
DIOCK SIZE	As sectoral in Appendix 1 to 1 are 45 of the Crite Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1558. Commodities – Date Spread Mont Belvieu LDH Propane Contract

Contract Overview	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated futures contracts over a calculation period of a given reference commodity.
Reference Commodities	Aluminum MW U.S. Transaction Premium Platts (25MT)
Contracts on Reference Commodities	CME Aluminum MW U.S. Transaction Premium Platts (25MT)
Settlement	Currency in which payments are made between the two counterparties:
Currency	USD EUR GBP CAN JPY CHF BRL
	SEK KRW
Quoting Convention and Minimum Increment	Notional amount, as agreed by counterparties
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which payments are made between the two counterparties:
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Trading Conventions	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance.
Calculation Period(s)	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
Settlement Procedure	Bilateral cash settlement performed in settlement currency
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1559. Commodities – Option Mont Belvieu LDH Propane Contract

Contract Overview Trade Date Option Style	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity. The date on which parties enter into the contract American / European / APO
	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	Mont Belvieu LDH Propane
Contracts on Reference Commodities	NYMEX Mont Belvieu LDH Propane
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Premium Date	Date on which premium amount is due
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1560. Commodities – Fixed/Floating Swap/Cash Settled Forward Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract Overview	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference	Aluminum Midwest Premium
Commodities	And and the state of the state
Contracts on	CME Aluminum Midwest Premium
Reference Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention and Minimum Increment	
Minimum Size	National amount as agreed by asymptomorphis
Notional	Notional amount, as agreed by counterparties Currency in which the fixed and floating prices are quoted:
Currency	USD USD
Currency	• EUR
	ann.
	CAN JPY
	• CHF
	• BRL
	• PLN
	• SEK
T 1!	KRW Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Trading Conventions	
Calculation	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can be netted)
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	, , , , , , , , , , , , , , , , , , ,
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1561. Commodities – Fixed/Floating Strip Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets)
	combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The
Reference	strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps. • Aluminum Midwest Premium
Commodities	Aluminum Midwest Premium
Contracts on	CME Aluminum Midwest Premium
Reference	- CALL Administrative Control of the
Commodities	
Settlement Currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
0 4 0 4	• KRW
Quoting Convention	Notional amount per striplet, as agreed by counterparties
and Minimum Increment	
Minimum Size	Notional amount per striplet, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted:
110tional Currency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified
	for either the strip or the underlying striplets.
<u> </u>	
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range
	the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.
Trade Date	The date on which parties enter into the contract
G (4) (7)	
Settlement Date(s)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement
Settlement	for each constituent striplet in the strip or overall settlement on the total strip Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent
Procedure	striplet in the strip or overall settlement on the total strip
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Traumg Hours	20.01 21.00 Sanday Friday Edistrii Timo
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
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Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1562. Commodities – Date Spread Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract Overview	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated futures contracts over a calculation period of a given reference commodity.
Reference Commodities	Aluminum Midwest Premium
Contracts on Reference Commodities	CME Aluminum Midwest Premium
Settlement Currency	Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Quoting Convention and Minimum Increment	Notional amount, as agreed by counterparties
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Trading Conventions	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second leg must be selling, for instance.
Calculation Period(s)	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1563. Commodities – Option Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-
	agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of
	a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an
	applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
O . (* T	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	1
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Option Side	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Aluminum Midwest Premium
Commodities	A Manifest of Action Control of the
Contracts on	CME Aluminum Midwest Premium
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the
	reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	EUR GBP
	• GDF • CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	2
and Minimum	
Increment	
Increment Minimum Size	Notional amount, as agreed by counterparties
	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Minimum Size	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1564. Commodities – Fixed/Foating Swap/Cash Settled Forward Gulf Coast Jet Fuel

Contract Overview	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period. NYMEX NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts) Up-
Commodities	Down Futures Contract
Contracts on	CME Gulf Coast Jet Fuel Futures Contract
Reference Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting Convention	Notional amount, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which the fixed and floating prices are quoted:
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Calculation	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can be netted)
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1565. Commodities – Fixed/Floating Strip Gulf Coast Jet Fuel

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets)
	combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The
	strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference	NYMEX NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts) Up-
Commodities	Down Futures Contract
Contracts on	Gulf Coast Jet Fuel
Reference	
Commodities	Commission which are not as a substant with the s
Settlement Currency	Currency in which payments are made between the two counterparties:
	USD EUR
	EURGBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Quoting Convention	Notional amount per striplet, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount per striplet, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
m 11 G 11	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified
	for either the strip or the underlying striplets.
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range
Calculation I ci lous	the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.
Trade Date	The date on which parties enter into the contract
1 rade Date	The date on which parties enter into the contract
Settlement Date(s)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement
Settlement Bute(s)	for each constituent striplet in the strip or overall settlement on the total strip
Settlement	Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent
Procedure	striplet in the strip or overall settlement on the total strip
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
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Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1566. Commodities – Date Spread Gulf Coast Jet Fuel

Contract Overview	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of
	designated futures contracts over a calculation period of a given reference commodity.
Reference	NYMEX NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts) Up-
Commodities	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	Down Futures Contract
Contracts on	CME Gulf Coast Jet Fuel Futures Contract
Reference	
Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
	Twitional amount, as agreed by counterparties
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the
Conventions	second leg must be selling, for instance.
Conventions	second tog must be sering, for instance.
~	
Calculation	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference
Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	
Trade Date	The date on which counterparties enter into the contract
	The date on which counterparties enter into the contract
a w	•
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
Settlement Date(s) Settlement	•
Settlement	Specified settlement or payment date when the floating amounts are exchanged
Settlement Procedure	Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency
Settlement	Specified settlement or payment date when the floating amounts are exchanged
Settlement Procedure Trading Hours	Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency 00:01 -24:00 Sunday-Friday Eastern Time
Settlement Procedure	Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency 00:01 -24:00 Sunday-Friday Eastern Time
Settlement Procedure Trading Hours	Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency
Settlement Procedure Trading Hours Block Size	Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency 00:01 -24:00 Sunday-Friday Eastern Time As set forth in Appendix F to Part 43 of the CFTC Regulations.
Settlement Procedure Trading Hours	Specified settlement or payment date when the floating amounts are exchanged Bilateral cash settlement performed in settlement currency 00:01 -24:00 Sunday-Friday Eastern Time

RULE 1567. Commodities – Option Gulf Coast Jet Fuel

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed preagreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of
	a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of
	the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of
0 11 011	the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	NYMEX NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts) Up-
Commodities	Down Futures Contract
Contracts on	CME Gulf Coast Jet Fuel Futures Contract
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
D	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	National amount as a search by companying
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1568. Commodities – Fixed/Floating Swap/Cash Settled Forward NY ULSD

Contract Overview	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference	NYMEX ULSD (Argus) Futures Contract
Commodities	
Contracts on	CME NY ULSD Futures Contract
Reference	C. A. P. C. C. D. P. C.
Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Onoting	
Quoting	Notional amount, as agreed by counterparties
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which the fixed and floating prices are quoted:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Conventions	
Calculation	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged
	(can be netted)
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	r
	00:01 24:00 Sunday Friday Fostom Time
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1569. Commodities – Fixed/Floating Strip NY ULSD

Combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps. Contracts on Reference Commodities CME New York Ultra Low-Sulfur Diesel Futures Contract	Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets)
Reference Commodities Contracts on Reference Commodities Settlement Currency Commodities Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHE BBL PLN SEK Notional Currency Minimum Size Notional Currency Notional Currency Trading Conventions and Wish PLN SER SEUR GBP CAN JPY CHE BBL PLN SER SER Notional Currency CBR SER SUSD SER		
Contracts on Reference Commodities Settlement Currency Commodities Currency in which payments are made between the two counterparties: USD EUR GBP CAN IPY CIFF BBL PLN SEK Notional Currency Minimum Size Notional Currency Notional Currency Trading Conventions of cither the strip or the underlying striplets. Can PLN SER SER CAN SIEUR Notional amount per striplet, as agreed by counterparties Notional Currency CIFF SER		
Commodities	Reference	NYMEX ULSD (Argus) Futures Contract
Currency in which payments are made between the two counterparties: USD	Commodities	
Settlement Currency Settlement Currency Currency in which payments are made between the two counterparties: USD EUR GBP CAN IPY CHF BRL PLN SEK Notional amount per striplet, as agreed by counterparties Notional Currency Notional amount per striplet, as agreed by counterparties Notional Currency Notional amount per striplet, as agreed by counterparties Notional Currency Currency in which the fixed and floating prices are quoted: USD EUR GBP CAN IPY CHF BRL BRL PLN SEK SEW SEK KRW Trading Conventions Trading Conventions Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period. Trade Date Settlement Date(s) Sectified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement for each constituent striplet in the strip or overall settlement on the total strip Settlement Procedure Trading Hours As set forth in Appendix F to Part 43 of the CFTC Regulations.	Contracts on	CME New York Ultra Low-Sulfur Diesel Futures Contract
Currency in which payments are made between the two counterparties: USD		
EUR	Settlement Currency	1 1
- GBP - CAN - JPY - CHF - BRL - PLN - SEK - PLN - SEK - WRW Outling Convention and Minimum Increment Minimum Size Notional amount per striplet, as agreed by counterparties Currency - USD - EUR - GBP - CAN - JPY - CHF - BRL - PLN - GBP - CAN - JPY - CHF - BRL - PLN - SEK - GBP - CAN - JPY - CHF - BRL - PLN - SEK - SEK - PLN - SEK - PLN - SEK - Trading Conventions Calculation Periods Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period. Trade Date Settlement Date(s) Sectilement Procedure Trading Hours As set forth in Appendix F to Part 43 of the CFTC Regulations.		
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	Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations
Constitute Vinite As set fouth in Dout 151 of the CETC Deputations	Diven bize	1 to the control of t
Speculative Limits As set forth in Part 131 of the CFTC Regulations	Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels As set forth in CFTC Regulation 15.03		

RULE 1570. Commodities – Date Spread NY ULSD

Contract	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty					
Overview	agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount					
	from the other counterparty on a different, later date. The difference between the two floating amounts is the spread,					
	which is the quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of					
	designated futures contracts over a calculation period of a given reference commodity.					
Reference	NYMEX ULSD (Argus) Futures Contract					
Commodities						
Contracts on	CME New York Ultra Low-Sulfur Diesel Futures Contract					
Reference						
Commodities						
Settlement	Currency in which payments are made between the two counterparties:					
Currency	• USD					
	• EUR					
	• GBP					
	• CAN					
	• JPY					
	• CHF					
	BRL					
	• PLN					
	• SEK					
	• KRW					
Ouoting	Notional amount, as agreed by counterparties					
Convention	Notional amount, as agreed by counterparties					
and Minimum						
Increment						
Minimum Size	Notional amount, as agreed by counterparties					
Notional	Currency in which payments are made between the two counterparties:					
Currency	USD					
Currency	• EUR					
	• GBP					
	• CAN					
	• JPY					
	• CHF					
	• BRL					
	• PLN					
	• SEK					
	• KRW					
Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the					
Conventions	second leg must be selling, for instance.					
G-11-4-	The solution wilds are found to of the sound Forth and to distribute and the solution of the s					
Calculation Period(s)	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference					
Trade Date	price of the commodity will be calculated. If a date range the reference price will be averaged across all days. The date on which counterparties enter into the contract.					
1 rade Date	The date on which counterparties enter into the contract					
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged					
Settlement Date(s)	Bilateral cash settlement performed in settlement currency					
	Drawerar cash settlement performed in settlement currency					
Procedure Trading Hours	00-01 24-00 Sunday Friday Fostorn Time					
1 raung Hours	00:01 -24:00 Sunday-Friday Eastern Time					
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.					
Cnoculativa Limita	As set fouth in Port 151 of the CETC Deculations					
Speculative Limits	As set forth in Part 151 of the CFTC Regulations					
Reportable Levels	As set forth in CFTC Regulation 15.03					

RULE 1571. Commodities – Option NY ULSD

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees,					
Contract Overview						
	in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-					
	agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of					
	a commodity on a given specific future date.					
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an					
	applicable futures contract over a calculation period of a given reference commodity.					
Trade Date	The date on which parties enter into the contract					
Option Style	American / European / APO					
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in					
	time.					
	An American option on the other hand may be exercised at any time before the expiration date.					
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at					
	the expiration date at the end of the Calculation Period of the option					
Option Type	Put/ Call					
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of					
	the commodity over the period					
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of					
	the commodity over the period					
Option Side	Buy or Sell, which refers to whether or not the option premium is paid					
- 1	(buy) or received (sell). Direction can be specified for either the strip					
	or the underlying striplets.					
Reference	NYMEX ULSD (Argus) Futures Contract					
Commodities	Tribulation Contract					
Contracts on	CME New York Ultra Low-Sulfur Diesel Futures Contract					
Reference	Cine for Total Call Both Building Bloset Fullaces Controlled					
Commodities						
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the					
Calculation I criou	reference price will be averaged across all days.					
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can					
Strine Trice	exercise an option.					
Expiration Date	Date at which option contract expires					
Expiration Time	Time at which option contract expires					
Settlement Date	Settlement date of the option contract					
Premium	Premium amount expressed in premium currency					
Premium currency	Currency in which payments are made between the two counterparties:					
1 remain currency	USD					
	• EUR					
	• GBP					
	• CAN					
	• JPY					
	• CHF					
	BRL					
	• PLN					
	• SEK					
	• KRW					
Premium Date	Date on which premium amount is due					
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.					
Convention						
and Minimum						
Increment						
Minimum Size	Notional amount, as agreed by counterparties					
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.					
Settlement	Bilateral settlement performed in settlement currency					
Procedure						

Settlement	Currency in which the settlement payment is made
Currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK
Trading Hours	KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

Product Attribute Determination

RP Tiebreaker Logic - Rates							
Trade Type	Explanation	Reporting Party					
Cap/ Floor	When a single Fixed Rate Payer exists	Fixed Rate Payer. Otherwise, Reverse ASCII sort, first LEI/Entity ID					
Debt Option	All	Option Buyer					
Exotic	All	Reverse ASCII sort, first LEI/Entity ID					
FRA	All	Fixed Rate Payer					
IRS Basis	All	Reverse ASCII sort, first LEI/Entity ID					
IRS Fix-Fix	All	Reverse ASCII sort, first LEI/Entity ID					
IRS Fix-Float	All	Fixed Rate Payer					
IRSwap: Inflation	When a single Fixed Rate Payer exists	Fixed Rate Payer. Otherwise, Reverse ASCII sort, first LEI/Entity ID					
IRSwap: OIS	All	Fixed Rate Payer					
Swaption	All	Option Buyer					
XCCY Basis	All	Reverse ASCII sort, first LEI/Entity ID					
XCCY Fix-Fix	All	Reverse ASCII sort, first LEI/Entity ID					
XCCY Fix-Float	All	Fixed Rate Payer					

Tiebreaker Logic

When the participant identifier tiebreaker is invoked the following processes will be used:

1a. Determining identifiers

When an entity has multiple entity identifiers ("IDs"), the following hierarchy will be used to determine which entity ID to use in the RP determination logic:

• LEI/CICI is used before DTCC GTR ID which is used before an AVOX ID which is used before any other identifier.

1b. Identifier Tiebreaker Logic Scenarios

- i. When both firms must have an LEI/CiCI then rank based on the two LEI/CICIs.
- ii. When one firm has an LEI/CICI and the other firm has a DTCC ID but does not have an LEI then rank based on the comparison of the LEI/CICI to the DTCC ID.

- iii. When one firm has an LEI/CICI and the other firm has an AVOX ID but does not have an LEI then rank based on the comparison of the LEI/CICI to the AVOX ID.
- iv. When neither firm has an LEI/CICI and both firms have a DTCC ID then rank based on the two DTCC IDs.
- v. When neither firm has an LEI/CICI and one firm has a DTCC ID and the other firm has only an AVOX ID then rank based on the comparison of the DTCC ID to the AVOX ID.
- vi. A firm will be the RP when that firm has a DTCC ID or LEI/CICI and the other has neither an LEI/CICI nor a DTCC ID nor an AVOX ID. Please note that in all cases the RP will have a DTCC ID and by extension will have an LEI/CICI.
- 2. Determining sort order of identifiers
 - LEI/CICI, DTCC GTR IDs, and AVOX IDs are comprised of characters from the following set {0-9, A-Z}.
 - For avoidance of doubt, before comparing IDs convert all IDs to UPPER CASE only.
 - For comparison basis the sort order will be reverse ASCII sort order. For avoidance of doubt the following are sort order of precedence:
 - Z, Y, X, W, V, U, T, S, R, Q, P, O, N, M, L, K, J, I, H, G, F, E, D, C, B, A, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0.
- 3. When comparing two IDs the RP will be the firm with the first ID in the list when sorted in reverse ASCII sort order.

<u>Exhibit C</u> Rulebook (marked)

[see attached]

BLOOMBERG SEF LLC RULEBOOK

SEPTEMBER 24,25, 2015

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Annex A ISDA Dodd Frank Act-Swap Transaction Reporting Party Requirements

CHAPTER 1. DEFINITIONS

When used in the Bloomberg BSEF Rules the following terms shall have the respective meanings as follows:

- "Account" means a Person (including a Prime Broker) that (i) granted in Writing (standalone or as part of a broader instrument) to an Account Manager investment or trading authority to send RFQs, place Orders and execute Trades on the SEF on behalf and in the name of such Person; and (ii) is a Counterparty to a Trade. The definition of "Account" shall not include any investor, shareholder or any other Person with beneficial ownership in the Account.
- "Account Manager" means a Person that acts as an agent and attorney-in-fact to buy or sell Swaps via the SEF operated by BSEF in the name and on behalf of another Person. An Account Manager may also be a Participant.
- "Act" or "CEA" means the Commodity Exchange Act, as amended from time to time
- "Affected Person" means a SEF applicant whose admission application is declined or is conditioned or a Person whose status as a Participant is terminated as set forth in Rule 303(e).
- "Affiliate" means, with respect to any Person, any Person who, directly or indirectly, Controls, is Controlled by, or is under common Control with, such other Person.
- "Alleged Error Trade" has the meaning set forth in Rule 516.A(a).
- "Appeals Panel" means a panel appointed by the Chief Compliance Officer pursuant to Rule 620.
- "Applicable Law" means, with respect to any Person, any statute, law, regulation, rule or ordinance of any governmental or Self-Regulatory Organization applicable to such Person, including the CEA and CFTC Regulations.
- "Appropriate Minimum Block Size" means the minimum notional or principal amount for a category of Swap that qualifies as a Block Trade pursuant to CFTC Regulation 43.6.
- "Authorized Representative" means any Person who is authorized by a Participant to represent the Participant in SEF matters pursuant to Rule 307.

- "Authorized Trader" means any natural person who (i) has Trading Access to the SEF operated by BSEF using a Participant ID and (ii) is assigned a valid Trader ID.
- "Block Trade" means a single Swap transaction publicly reportable under Part 43 of the CFTC Regulations that:
 - (a) Involves a Swap that is listed on BSEF;
 - (b) Has a notional or principal amount at or above the Appropriate Minimum Block Size applicable to such Swap; and
 - (c) Is (i) executed in accordance with Rule 522.E; or (ii) reported to BSEF as provided in Rule 531.A.
- "Board" means the Board of Directors of BSEF constituted from time to time in accordance with the Operating Agreement.
- "BSEF" means Bloomberg SEF LLC, a Delaware limited liability company.
- "Bunched Orders" means a single Order placed by an Account Manager for two or more of its Accounts on the SEF operated by BSEF pursuant to Rule 528.
- "Business Day" means a day on which the SEF operated by BSEF is open for trading.
- "By-Laws" means, with respect to any Person that is not an individual, the By-Laws or Operating Agreement of such Person, and, if no other Person is specified, means the By-Laws or Operating Agreement of BSEF.
- "CFTC" or "Commission" means the Commodity Futures Trading Commission or any successor regulatory body.
- "CFTC Regulations" means the rules and regulations promulgated by the CFTC, as amended.
- "Chief Compliance Officer" means the individual appointed by the Board as BSEF's chief compliance officer in accordance with the Operating Agreement, with the duties and responsibilities as may be prescribed by the Board from time to time as set forth in Rule 208.
- "Claim" has the meaning set forth in Rule 902.
- "Cleared Swap" means a Swap that is subject to the mandatory clearing requirement of Section 2(h)(1)(A) of the CEA or any Swap that is intended

by a Participant to be submitted to a DCO for clearing contemporaneously with execution.

- "Clearing Exception" means an exception from the clearing requirement set forth in Section 2(h)(1) of the Act because one counterparty to the transaction is entitled to the exception from the clearing requirement set forth in Section 2(h)(7) of the Act, CFTC Regulations or CFTC Staff No-Action Letters.
- "Clearing Exception Form" has the meaning set forth in Rule 411.
- "Clearing Exempt Transaction" means a Trade exempt from the clearing requirement of Section 2(h)(1) of the Act because one Counterparty to the Trade is entitled to and has elected to use a Clearing Exception.
- "Clearing House" means such Derivatives Clearing Organization(s) or non-U.S. central clearing counterparty(ies) recognized or approved by the CFTC that provide clearing services with respect to any or all of Swaps traded on the SEF operated by BSEF.
- "Clearing House Rules" means the Certificate of Incorporation, the By-Laws and any rule, interpretation, stated policy, or instrument corresponding to any of the foregoing, in each case as adopted or amended from time to time by the Clearing House relating to any or all of the Swaps.
- "Clearing Member" means a member of a Clearing House that is authorized to clear trades in any or all Swaps for a Participant or its Accounts or Customers. Each Clearing Member must sign documentation required by BSEF.
- "Client" means an Account.
- "CLOB" means an Order Book that will match Orders pursuant to pre-determined, non-discretionary methods. The CLOB supports the following order types:
 - (a) Market Order (Fill Or Kill; Immediate or Cancel)
 - (b) Limit Order (Fill Or Kill; Immediate Or Cancel; Good Til Date/Time)
- "Complex Permitted Transaction" has the meaning set forth in Rule 531.B.
- "Compliance Department" means all SEF Officials and/or agents of BSEF (including the Regulatory Services Provider) that assist BSEF with the implementation, surveillance and enforcement of the BSEF Rules and other Obligations.

- "Confirmation" has the meaning set forth in Rule 523(a).
- "Control" means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of securities, by Swap, or otherwise. The terms "controlling" or "controlled" shall have meanings correlative to the foregoing.
- "Counterparty" means a Participant or a Participant's Account or Customer whose Legal Entity Identifier is reported by BSEF to an SDR as a counterparty to a Trade.
- "Covered Package Transaction" means a Package Transaction that has at least one or more of the following components:
 - a. a new issue bond (until February 12, 2016)
 - b. a future (until November 14, 2015)
 - c. an uncleared swap (as defined in Section 1a(47) of the CEA) (until February 12, 2016)
 - d. a non-swap (as defined in Section 1a(47) of the CEA) instrument other than an instrument listed in subsections a or b above or a Treasury bond (until February 12, 2016); or
 - e. a security-based swap (as defined in Section 1a(42) of the CEA) or a mixed swap (as defined in Section 1a(47)(D) of the CEA) (until February 12, 2016).
- "CTI" has the meaning set forth in Rule 524.B.
- "Customer" means any Person who uses an FCM or Introducing Broker as agent in connection with trading in any Swap on the SEF operated by BSEF. The term "Customer" shall include a DMA Customer.
- "Customer Account" means an account carried by a Participant on behalf of a Customer.
- "Daily Settlement Price" means the settlement price for a Swap calculated each Business Day by or on behalf of BSEF. The Daily Settlement Price can be expressed in currency, spread, yield or any other appropriate measure commonly used in swap markets.
- "**DCM**" means a contract market or designated contract market as defined in CFTC Regulation 1.3(h).

- "Derivatives Clearing Organization" or "DCO" has the meaning attributed to such term by Section 1a(9) of the CEA.
- "Direct Market Access" or "DMA" means an arrangement among a Sponsoring Broker, its Customer and BSEF that allows one or more representatives of that Customer to have Trading Access using the Participant ID of the Sponsoring Broker.
- "**Director**" means a member of the Board.
- "Disciplinary Panel" means the panel appointed pursuant to Rule 613(b) to conduct hearings in connection with disciplinary proceedings (other than summary impositions of fines pursuant to Rule 601(b)), to make findings, render decisions, and impose sanctions pursuant to Chapter 6 of the Rules. The Disciplinary Panel must meet the composition requirements set forth in Part 40 of the CFTC Regulations and the composition requirements set forth in Rule 613(b).
- "Disclosed Order Book" means a screen on the SEF Platform where Participants have the ability to enter multiple bids and offers, observe or receive bids and offers entered by other market participants, and transact on such bids and offers.
- "**Dispute**" has the meaning set forth in Rule 701.
- "**DMA Customer**" means a Customer of a Sponsoring Broker where representatives of the Customer that are natural persons are designated by the Sponsoring Broker to have Trading Access to the SEF Platform using the Participant ID of the Sponsoring Broker and where such Customer signs the DMA Customer Documentation.
- "DMA Customer Documentation" means the agreements (together with any applicable schedules, exhibits or appendices thereto required by BSEF) in form and substance acceptable to BSEF, that are required to be executed and delivered to BSEF before a DMA Customer may access the SEF Platform
- "**DMA Order**" means an Order or RFQ placed by a DMA Customer using the Participant ID of the Sponsoring Broker.
- "ECP" means an eligible contract participant as defined in Section 1a(18) of the CEA.
- "Eligibility Criteria" means the criteria set forth in Rule 301(a).
- "Emergency" means any occurrence or circumstance that, in the opinion of the Board, or a Person or Persons duly authorized to issue such an opinion on behalf of the Board under circumstances and pursuant to procedures that

are specified, requires immediate action and threatens or may threaten such things as the fair and orderly trading in, or the liquidation of or delivery pursuant to, any agreements, contracts, swaps or transactions or the timely collection and payment of funds in connection with clearing and settlement by a derivatives clearing organization, including: (a) any manipulative or attempted manipulative activity; (b) any actual, attempted or threatened corner, squeeze, congestion or undue concentration of positions; (c) any circumstances which may materially affect the performance of agreements, contracts, swaps or transactions, including failure of the payment system or the bankruptcy or insolvency of any participant; (d) any action taken by any governmental body, or any other registered entity, board of trade, market or facility which may have a direct impact on trading or clearing and settlement; (e) at the request of the CFTC; and (f) any other circumstance which may have a severe, adverse effect upon the functioning of BSEF.

"Emergency Rules" has the meaning set forth in Rule 212(a).

"End of Trading" means such time as BSEF may from time to time prescribe. The End of Trading is the time as of which such actions as are specified in the BSEF Rules or the relevant Swap Specifications as taking place at the end of a Business Day, such as determination Daily Settlement Prices, will occur.

"Error Trade" has the meaning set forth in Rule 516.A(b).

"Fill-Or-Kill" means that the Order must be immediately filled completely or canceled

"Financial Entity" has the meaning set forth in CEA Section 2(h)(7)(C).

"Futures Commission Merchant" or "FCM" has the meaning set forth in Section 1a(28) of the CEA.

"Good-til-Date/Time" means that the Order has an expiration time and date.

"Governmental Body" means (a) any U.S. or non-U.S. federal, national, state or local court or (b) any U.S. or non-U.S. federal, national, state or local entity that is (i) a governmental authority, (ii) a regulatory body or (iii) a self-regulatory body.

"Immediate-Or-Cancel" means that the Order may be filled partially, but the Order must be actioned immediately, or else canceled. Any remaining portion will be canceled.

"Interested Person" has the meaning attributed to such term in Rule 210(a).

- "Introducing Broker" has the meaning set forth in CFTC Regulation 1.3(mm).
- "ISDA" means the International Swaps and Derivatives Association, Inc.
- "ISV" means an independent software vendor.
- "Legal Entity Identifier" has the meaning set forth in Part 45 of the CFTC Regulations.
- "Local Law" has the meaning attributed to such term in Rule 810(a).
- "Major Swap Participant" has the meaning set forth in Section 1a(33) of the CEA.
- "Manual Order Ticket" means a function provided by BSEF that allows a Participant to send a firm offer to enter into a Permitted Transaction to another Participant.
- "MAT Recipient Participant" shall have the meaning set forth in Rule 522.A(b).
- "NFA" means the National Futures Association.
- "No-Bust Range" shall have the meaning set forth in Rule 535(c).
- "Non-Cleared Swap" means a Swap that is not a Cleared Swap.
- "Non-Cleared Swap Agreement" means an agreement that governs the performance and settlement of a Non-Cleared Swap including any applicable credit support and default provisions.
- "**Notice of Charges**" means a notice sent by the Compliance Department pursuant to Rule 607.
- "Notice to Participants" means a communication sent by or on behalf of BSEF to all Participants as described in Rule 310.
- "**Obligation**" means each BSEF Rule, order or procedure issued by BSEF, including Notice to Participants, and other requirement implemented by BSEF under the BSEF Rules.
- "Officer" has the meaning attributed to such term in Rule 208.
- "Operating Agreement" means the operating agreement of BSEF.

- "**Order**" means (i) a response to a Request For Quote, (ii) a response to a Resting Quote, (iii) the display of a quote on an Order Book or (iv) a firm offer to enter into a Swap.
- "Order Book" means the trading system or platform operated by BSEF in which all market participants in the trading system or platform have the ability to enter multiple bids and offers, observe or receive bids and offers entered by other market participants, and transact on such bids and offers. A Participant must indicate if a bid or offer posted on an Order Book is firm or indicative.
- "Package Transaction" means a transaction involving two or more instruments:
 - (2) that is executed between two or more Counterparties;
 - (3) that is priced or quoted as one economic transaction with simultaneous or near simultaneous execution of all components;
 - (4) that has at least one component that is a Required Transaction; and
 - (5) where the execution of each component is contingent upon the execution of all other components.
- "Participant" means any Person that has signed the Participant Documentation and has been granted, and continues to have, Trading Privileges under the BSEF Rules. Subject to Applicable Law, a Participant may trade for its own proprietary account or for or on behalf of a Customer or Account. An ISV cannot be a Participant.
- "Participant Documentation" means the agreements (together with any applicable schedules, exhibits or appendices thereto required by BSEF) in form and substance acceptable to BSEF, that are required to be executed and delivered to BSEF before a Person may access the SEF operated by BSEF as a Participant.
- "Participant ID" means each unique identifier assigned to a Participant by BSEF for access to the SEF operated by BSEF.
- "Permitted Transaction" means any transaction involving (i) a Swap that is not a Required Transaction or (ii) a Required Transaction that is a component of a Covered Package Transaction.
- "Person" means a natural person or an entity.
- "Pre-Execution Communication" means a communication between two Persons for the purpose of discerning interest in the execution of a Swap prior to execution of the Swap on the SEF operated by BSEF, including any communication that involves discussion of the size, side of market, or price

- of an Order or a potentially forthcoming Order; provided that any communication between two Persons that involves an agreement between the parties to a Swap that legally binds the parties to such Swap shall not be considered a Pre-Execution Communication.
- "**President**" means the individual appointed by the Board as BSEF's chief executive officer in accordance with the Operating Agreement, with the duties and responsibilities as may be prescribed by the Board from time to time as set forth in Rule 208.
- "**Prime Broker**" means a Person that provides prime brokerage services and that has authorized a Participant to send RFQs, place Orders or enter into Trades in the name and on behalf of such Person.
- "Prime Broker Trade" means a Trade in a Non-Cleared Swap where one Counterparty is a Prime Broker and the other is a Participant with which the Prime Broker has a Non-Cleared Swap Agreement. Only a Permitted Transaction can be a Prime Broker Trade.
- "**Proprietary Account**" has the meaning set forth in CFTC Regulation 1.3(y).
- "**Public Director**" means a Person that meets the qualifications described in Rule 207(e).
- "Qualified Account Manager" means any Person with more than \$25,000,000 in total assets under management that is either: (A) a commodity trading advisor registered pursuant to Section 4n of the Act, or exempt from registration under the Act, or a principal thereof, who has discretionary trading authority or directs client accounts; (B) an investment adviser who has discretionary trading authority or directs client accounts and satisfies the criteria of $\S 4.7(a)(2)(v)$ of Part 43 of the CFTC Regulations; or (C) a foreign person who performs a similar role or function as the persons described in paragraphs (h)(6)(i)(A) or (h)(6)(i)(B) of CFTC Regulation 43.6 and is subject as such to foreign regulation.
- "Regulatory Oversight Committee" means the committee of the Board constituted in accordance with Rule 204.
- "Regulatory Services Agreement" means the agreement between BSEF and the Regulatory Services Provider whereby the Regulatory Services Provider provides market surveillance and trade practice surveillance functions as well as other compliance related services to the SEF operated by BSEF.
- "Regulatory Services Provider" means the organization which provides regulatory services to BSEF pursuant to a Regulatory Services Agreement.

"Reporting Counterparty" has the meaning set forth in Part 45 of the CFTC Regulations.

"Reserve Price" means an Order that will be automatically sent to the recipient Participant that responds with a price that is at or better than the price designated in advance by the Requesting Participant. This order type is available for interest rate swaps.

"Request for Quote" or "RFQ" means an electronic message disseminated on the SEF Platform for the purposes of soliciting bids or offers for a specific Swap.

"Request for Quote Functionality" means a functionality of the SEF Platform that allows a Requesting Participant to send an RFQ to buy or sell a Swap to any Participant, to which all such Participants may respond with a firm or indicative quote. An RFQ can be sent as a request for quote or as a request for streaming quote. All RFQs and responses to RFQs will disclose the name of the Person with which the Authorized Trader who placed an Order or sent an RFQ is associated in BSEF records. The Requesting Participant may accept a firm response to a request for quote from a recipient Participant. For requests for non-streaming quotes, the Requesting Participant's Order may be filled at the price the Requesting Participant accepted or at the subsequent price from the same recipient Participant compared to responses to such request for quote from other recipient Participants received by the Requesting Participant during the same request for quote session.

The Reserve Price order type is available for Request for Quote Functionality for requests for non-streaming quotes.

"Requesting Participant" means a Participant initiating an RFQ.

"Required Transaction" means any transaction involving a Swap that is subject to the trade execution requirement of Section 2(h)(8) of the Act.

"Resting Quote" means any firm or indicative bid or offer displayed on an Order Book.

"Rules" means, with respect to any Person, the rules of such Person and the interpretations, resolutions, orders, directives and procedures of the Person thereunder as in effect from time to time, and if no other Person is specified, means the Rules of the SEF operated by BSEF and the interpretations, resolutions, orders and directives and procedures of the SEF operated by BSEF thereunder as in effect from time to time.

- "SDR" means a swap data repository, as defined in Section 1a(48) of the CEA.
- "SEC" means the U.S. Securities and Exchange Commission.
- "SEF" means a swap execution facility as defined in Section 1a(50) of the CEA.
- "SEF Action" and "SEF Actions" have the meanings attributed to such terms in Rule 210(a).
- "SEF Data" has meaning set forth in Rule 803(a).
- "SEF Activity" means business for which a Participant is subject to the BSEF Rules, which is purportedly conducted subject to the BSEF Rules, or which should have been conducted subject to the BSEF Rules including Permitted Transactions and Block Trades.
- "SEF Official" means any Director or Officer of, or individual employed directly by, BSEF, the Regulatory Services Provider or any individual rendering similar services to BSEF under an administrative or similar agreement.
- "SEF Platform" means the electronic trading system of the SEF established and operated by BSEF, or any successor thereto, that is made available by BSEF to Participants for trading in Swaps.
- "SEF Proceeding" has the meaning attributed to such term in Rule 210(a).
- "Self-Regulatory Organization" or "SRO" shall, unless otherwise provided, have the meaning attributed to such term in CFTC Regulation 1.33(ee) and, in addition, shall include a Derivatives Clearing Organization, and a registered futures association. BSEF is a self-regulatory organization.
- "Sponsoring Broker" means a Participant that allows its designated Customers to access the SEF Platform using the Participant ID of the Participant and (i) with respect to Cleared Swaps, is a Clearing Member; and (ii) with respect to Non-Cleared Swaps, is (x) an FCM or Introducing Broker; or (y) non-U.S. Person acting in a similar capacity that is not required to register as an FCM or Introducing Broker under the Act and that is appropriately licensed in a jurisdiction where its DMA Customer is located.
- "Supervised Persons" means any directors, officers, employees or agents of any Participant.
- "Swap" means any agreement, contract or transaction that is a swap as defined in Section 1a(47) of the CEA and as further defined by the CFTC,

which is listed on the SEF operated by BSEF in accordance with CFTC Regulation 37.4.

"Swap Dealer" has the meaning set form in Section 1a(49) of the CEA.

"Swap Specification" means, with respect to any Swap, the Rules or other trading protocols containing specifications for such Swap, as adopted, amended, supplemented or otherwise modified from time to time by BSEF.

"Terms Incorporated by Reference" has the meaning set forth in Rule 523(c).

"**Trade**" means any purchase or sale of any Swap made on the SEF Platform or subject to BSEF Rules.

"Trade Communication" has meaning set forth in Rule 523(c).

"Trader ID" means a unique identifier issued to each Authorized Trader which enables BSEF to identify the individual entering RFQs or Orders into the SEF operated by BSEF.

"Trading Access" means the right granted to an Authorized Trader to send RFQs or place Orders and/or enter into transactions for certain or all Swaps to the SEF Platform or execute Swaps subject to the BSEF Rules.

"Trading Account" means, with respect to each Participant, Account or Customer, each account established and maintained by such Participant at BSEF through which the Participant will trade Swaps and through which BSEF will monitor the open Swap positions and closed Swap positions of such Participants, Accounts or Customers.

"**Trading Hours**" means, for any Business Day, the hours as may be published by BSEF in a Notice to Participants from time to time.

"Trading Privileges" means the right granted to a Participant to use, directly or indirectly, the SEF operated by BSEF for execution of Swaps. No Person may exercise Trading Privileges on behalf of a Participant during any suspension of such Participant's Trading Privileges.

"Written" or "Writing" means printing, lithography, photography, and other modes of representing or reproducing words or data in a visible form, including electronic transmissions.

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The following rules of construction shall apply to the BSEF Rules:

- (i) the headings in the BSEF Rules are for convenience only and do not affect the construction of the BSEF Rules;
- (ii) all references to time in the BSEF Rules are to local time in New York, New York, except where expressly provided otherwise;
- (iii) in the BSEF Rules, words denoting a singular number include the plural number where the context permits and vice versa;
- (iv) where the context permits or requires, any pronoun shall include the corresponding masculine, feminine and neuter forms;
- (v) forms of the word "include" mean that the inclusion is not limited to the items listed;
- (vi) "or" is disjunctive but not exclusive;
- (vii) references in the BSEF Rules to statutory provisions include those provisions as amended, and any rules or regulations promulgated thereunder.

CHAPTER 2. SEF GOVERNANCE

RULE 201. Board

- (a) The Board shall manage the business and affairs of BSEF in accordance with the Operating Agreement. At all times the Board must be composed of at least 35%, but no less than two, Public Directors. The Board has the power and authority to call for review, and to affirm, modify, suspend or overrule, any and all decisions and actions of standing committees or special committees of the Board or any panel of the Officers.
- (b) The Board may act (including to appoint Public Directors, to the extent provided in the Operating Agreement) only by the decision of an absolute majority in number of the members of the Board, either by vote at a meeting or by Written consent without a meeting.
- (c) Each Director (including Public Directors) shall be appointed in accordance with the Operating Agreement and the procedures included therein and shall serve until his or her successor is duly appointed, or until his or her earlier resignation or removal, with or without cause.
- (d) The members of the Board, including Public Directors, shall be of sufficiently good repute and, where applicable, have sufficient expertise in financial services.
- (e) The percentage of Public Directors required to serve on the Board or any committee thereof pursuant to this Chapter 2 shall be deemed to be modified to comply with the CEA and CFTC Regulations, in each case, as in effect from time to time.

(f) Without limitation of any other provisions of this Rule 201, the provisions of Article III of the Operating Agreement shall be deemed to be part of the BSEF Rules, and shall be deemed to be incorporated herein, to the same extent and with the same force and effect as if set forth herein in their entirety.

RULE 202. [Reserved]

RULE 203. [Reserved]

RULE 204. Regulatory Oversight Committee

- (a) The Regulatory Oversight Committee of the Board shall consist only of Public Directors, appointed by the Board. Each member of the Regulatory Oversight Committee shall serve until the due appointment of his or her successor, or until his or her earlier resignation or removal, with or without cause, as a member of the Regulatory Oversight Committee or as a Director. A member of the Regulatory Oversight Committee may serve for multiple terms. The Regulatory Oversight Committee shall report to the Board.
- (b) The Regulatory Oversight Committee shall oversee BSEF's regulatory program on behalf of the Board. It shall make such recommendations to the Board as will, in its judgment, best promote the interests of the SEF operated by BSEF. The Regulatory Oversight Committee shall also have such other powers and perform such other duties as set forth in the BSEF Rules, the Operating Agreement and as the Board may delegate to it from time to time.
- (c) Without limiting the generality of the foregoing, the Regulatory Oversight Committee shall have authority to:
 - (i) Monitor the compliance program of the SEF operated by BSEF for sufficiency and effectiveness;
 - (ii) Oversee all facets of the compliance program, including trade practice and market surveillance, audits, examinations conducted by the Regulatory Services Provider and other regulatory responsibilities with respect to Participants, Customers and Accounts (including ensuring compliance with any financial integrity, financial reporting, sales practice, recordkeeping and other requirements), and overseeing the conduct of investigations by the Regulatory Services Provider;
 - (iii) Review the size and allocation of the regulatory budget and resources and the number, hiring and termination, and compensation of compliance personnel;
 - (iv) Assist BSEF in minimizing actual and potential conflicts of interest;
 - (v) Recommend changes that would ensure fair, vigorous, and effective compliance; and
 - (vi) Review compliance proposals and advise the Board as to whether and how such changes may impact compliance.

(d) The Regulatory Oversight Committee shall oversee the regulatory program of the SEF operated by BSEF on behalf of the Board. The Board shall delegate sufficient authority, dedicate sufficient resources, and allow sufficient time for the Regulatory Oversight Committee to fulfill its mandate.

RULE 205. Additional Committees and Panels

- (a) The Board may create such additional standing committees of the Board as it may from time to time deem necessary or advisable.
- (b) In addition to the standing committees, the Board may from time to time constitute and appoint, by Rule or resolution, special committees of the Board and designate their composition, responsibilities and powers.
- (c) BSEF may create additional committees of BSEF, or panels, for such purposes as may from time to time be necessary or advisable. Members of each such committee may be members of the Board, Supervised Persons of Participants or such other individuals as may be qualified to serve on such committee.

RULE 206. Power of the Board to Review Decisions

The Board has the power and authority to call for review, and to affirm, modify, suspend or overrule, any and all decisions and actions of standing committees or special committees of the Board.

RULE 207. Eligibility

- (a) A Director must meet the qualifications set forth from time to time in the Operating Agreement.
- (b) An individual may not serve as a Director or serve on a committee established by the Board, a Disciplinary Panel or an Appeals Panel if the individual:
 - (i) within the prior three (3) years has been found, by a final decision in any action or proceeding brought in a court of competent jurisdiction, the CFTC or any Self-Regulatory Organization, to have committed a disciplinary offense;
 - (ii) within the prior three (3) years has entered into a settlement agreement in which any of the findings or, in the absence of such findings, any of the acts charged, included a disciplinary offense;
 - (iii) has been suspended or expelled from membership in a Self-Regulatory Organization, is serving any sentence or probation, or owes any portion of a fine or penalty related to either:
 - 1. a finding of a disciplinary offense by a final decision in any action or proceeding brought in a court of competent jurisdiction, the CFTC, or any Self-Regulatory Organization; or

- 2. a settlement agreement in which any of the findings or, in the absence of such findings, any of the acts charged included a disciplinary offense.
- (iv) is currently subject to an agreement with the CFTC or Self-Regulatory Organization not to apply for registration with the CFTC or for membership in the Self-Regulatory Organization;
- (v) is currently, or within the past three (3) years has been, subject to a revocation or suspension of registration by the CFTC;
- (vi) has been convicted of a felony listed in Section 8a(2)(D)(ii) through (iv) of the CEA; or
- (vii) is currently subject to a denial, suspension or disqualification from serving on a disciplinary committee, arbitration or appeals panel or governing board of any self-regulatory organization, as that term is defined in CFTC Regulations § 1.63(a).
- (c) Any Director, member of a committee established by the Board or any member of a Disciplinary Panel, an Appeals Panel, any individual nominated to serve in any such role, or any individual authorized by the Regulatory Oversight Committee to take summary action shall immediately notify the President if such individual meets one or more of the criteria in Rule 207(b).
- (d) For purposes of this Rule, the terms "disciplinary offense," "final decision," and "settlement agreement" have the meanings set forth in CFTC Regulation 1.63(a).
- (e) To qualify as a Public Director, a Director must be found, by the Board on the record, to have no material relationship with BSEF or any of its Affiliates. A "material relationship" is one that reasonably could affect the independent judgment or decision making of such individual as a Public Director. In addition, an individual shall not be considered a "Public Director" if any of the following circumstances exist:
 - (i) such Director is an Officer or an employee of BSEF, or an officer or an employee of an Affiliate of BSEF;
 - (ii) such Director is a Participant, or a director, an officer or an employee of a Participant; or
 - (iii) such Director, or an entity with which the Director is a partner, an officer, or a director, receives more than \$100,000 in combined annual payments for legal, accounting, or consulting services from BSEF or any Affiliate of BSEF. Compensation for services as a director of BSEF or as a director of an Affiliate of BSEF does not count toward the \$100,000 payment limit, nor does deferred compensation for services rendered prior to becoming a Director of BSEF, so long as such compensation is in no way contingent, conditioned or revocable.
- (f) Any of the relationships set forth in sub-paragraphs (e)(i) through (iii) of this Rule apply to the "immediate family" of such Director, i.e., spouse, parents, children and siblings.

(g) A Public Director may also serve as a director of an Affiliate of BSEF if he or she otherwise meets the requirements in paragraphs (e) and (f) of this Rule.

RULE 208. Officers

The Board shall appoint a President, a Chief Compliance Officer, one or more vice presidents, a secretary, a treasurer, and such other officers of BSEF (all of the foregoing, collectively, the "Officers") as it may deem necessary or appropriate from time to time, in accordance with the Operating Agreement. The Officers shall have such powers and duties in the management of BSEF as the Board may prescribe from time to time in accordance with the Operating Agreement. Each Director and Officer is entitled to indemnification pursuant to the Operating Agreement with respect to matters relating to BSEF.

RULE 209. Chief Compliance Officer

- (a) The Board shall appoint and approve the Chief Compliance Officer. The Board shall approve the compensation of the Chief Compliance Officer. Removal of the Chief Compliance Officer shall require the approval of a majority of the Board. BSEF shall notify the CFTC of the removal of the Chief Compliance Officer and the appointment of any new Chief Compliance Officer, whether interim or permanent, within two Business Days of such appointment.
- (b) The individual designated to serve as Chief Compliance Officer shall have the background and skills appropriate for fulfilling the responsibilities of the position. No individual disqualified from registration pursuant to Sections 8a(2) or 8a(3) of the CEA may serve as a Chief Compliance Officer. The Chief Compliance Officer may not be a member of BSEF's legal department and may not serve as its general counsel.
- (c) The Chief Compliance Officer shall report directly to the Board. The Chief Compliance Officer shall meet with the Board at least annually. The Chief Compliance Officer shall also meet with the Regulatory Oversight Committee at least quarterly. Each such meeting may occur in person or by means of conference telephone. The Chief Compliance Officer shall provide any information regarding the regulatory program of the SEF operated by BSEF that is requested by the Board or the Regulatory Oversight Committee.
- (d) The position of Chief Compliance Officer shall carry with it the authority and resources to develop and enforce policies and procedures necessary to fulfill the duties set forth for chief compliance officers in the Act and the CFTC Regulations. The Chief Compliance Officer shall have supervisory authority over all staff acting in furtherance of the Chief Compliance Officer's obligations.
- (e) The Chief Compliance Officer's duties shall include, but are not limited to, the following:
 - (i) Overseeing and reviewing the compliance of the SEF operated by BSEF with Section 5h of the Act and any CFTC Regulations;

- (ii) In consultation with the Board or the senior Officer of BSEF, resolving any conflicts of interest that may arise, including: (1) conflicts between business considerations and compliance requirements; (2) conflicts between business considerations and the requirement that the SEF operated by BSEF provide fair, open, and impartial access as set forth in CFTC Regulation 37.202; and (3) conflicts between BSEF's management and members of the Board;
- (iii) Establishing and administering Written policies and procedures reasonably designed to prevent violation of the Act and any Rules adopted by the Commission;
- (iv) Taking reasonable steps to ensure compliance with the Act and CFTC Regulations relating to agreements, contracts, or transactions, and with CFTC Regulations under Section 5h of the CEA;
- (v) Establishing procedures for the remediation of noncompliance issues identified by the Chief Compliance Officer through a compliance office review, look-back, internal or external audit finding, self-reported error, or validated complaint;
- (vi) Establishing and following appropriate procedures for the handling, management response, remediation, retesting, and closing of noncompliance issues;
- (vii) Establishing and administering a compliance manual designed to promote compliance with the applicable laws, Rules, and regulations and administering a Written code of ethics designed to prevent ethical violations and to promote honesty and ethical conduct;
- (viii) Supervising the SEF's compliance program with respect to trade practice surveillance; market surveillance; real-time market monitoring; compliance with audit trail requirements; enforcement, disciplinary and appeals proceedings; audits, examinations conducted by the Regulatory Services Provider, and other regulatory responsibilities with respect to Participants, Accounts and Customers (including ensuring compliance with, if applicable, financial integrity, financial reporting, sales practice, recordkeeping, and other requirements);
- (ix) Supervising the effectiveness and sufficiency of any regulatory services provided to BSEF by the Regulatory Services Provider; and
 - (x) Preparing and filing the annual compliance report of BSEF.

RULE 210. Conflicts of Interest

(a) A Director, Officer, panel member or other Person authorized to exercise BSEF's authority concerning any inquiry, investigation or any disciplinary or appeals proceeding, summary suspension, or other summary actions (any such action, a "SEF Action" and, collectively, "SEF Actions"), or Emergency actions taken pursuant to Rule 212 (each such SEF Action or Emergency Action, a "SEF Proceeding") who knowingly has a "material conflict of interest" between his or her position as a Director, Officer, panel member or exercise of authority

concerning any SEF Proceeding and his or her personal interests (each, an "Interested Person") may not participate in any deliberations or vote of the Board committee, panel or exercise any authority in any SEF Proceeding involving his or her personal interest, except as described in Rule 210(d).

- (b) For purposes of Rule 210(a), a "material conflict of interest" includes a Director's, Officer's, or other Person's:
 - (i) being named as a respondent or potential respondent in a SEF Proceeding;
 - (ii) being an employer, employee, fellow employee or an Affiliate of a respondent or potential respondent in a SEF Proceeding;
 - (iii) having any significant, ongoing business relationship with a respondent or potential respondent in a SEF Proceeding;
 - (iv) having a family relationship with a respondent or potential respondent in a SEF Proceeding (including the individual's spouse, co-habitator, former spouse, parent, step-parent, child, step-child, sibling, step-brother, step-sister, grandparent, grandchild, uncle, aunt, nephew, niece, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law or sister-in-law); and/or
 - (v) having a direct and substantial financial interest in the result of the deliberations or vote based upon either SEF or non-SEF positions. A direct and substantial financial interest includes positions held in Swaps in the accounts of, Controlled by, or affiliated with the Interested Person or any other types of direct and substantial financial positions of the Interested Person that are reasonably expected to be affected by the deliberations or vote.
- (c) Before considering any SEF Proceeding, an Interested Person must disclose in Writing to the Board the material facts concerning his or her relationship or interest in the matter.
- (d) Any Interested Person who would be required otherwise to abstain from deliberations and voting pursuant to Rule 210(a) as a result of having a direct and substantial financial interest in the result of the deliberations and vote may participate in deliberations, prior to a vote on the matter, if:
 - (i) the material facts about the Interested Person's financial interest in the matter are disclosed or known to the Board;
 - (ii) the Board determines that the participation by the Interested Person would be consistent with the public interest; and
 - (iii) a majority of the Directors (excluding any Interested Persons) vote to allow the Interested Person to participate in deliberations on the matter.

- (e) If a determination is made pursuant to Rule 210(d) that an Interested Person may participate in deliberations prior to a vote, then the minutes of the meeting of the Board or committee thereof will reflect the determination and the reasons for the determination.
- (f) If a determination is made pursuant to Rule 210(a) that all Directors are Interested Persons with respect to a matter subject to a vote by the Board, the President will appoint a panel of individuals who are not Interested Persons with respect to such matter, which will have the same authority and powers over such matter that the Board would have if the Directors were not Interested Persons with respect to such matter.
- (g) No Director, Officer or member of any committee or panel established by the Board shall use or disclose for any purpose other than the performance of his or her official duties and responsibilities as a Director, Officer or committee or panel member any material, non-public information obtained as a result of the individual's duties and responsibilities as a Director, Officer or committee or panel member. No Director, Officer or committee or panel member shall, directly or indirectly, disclose or use at any time, either during his or her association with BSEF or thereafter, any confidential information of which the Board member or committee or panel member becomes aware. Each Director, Officer or committee or panel member in possession of confidential information shall take all appropriate steps to safeguard the information and to protect it against disclosure, misuse, espionage, loss and theft.
- (h) Notwithstanding Rule 210(g), a Director, Officer or committee or panel member may disclose confidential information if required by Applicable Law or a court order to be revealed to the United States Department of Justice or the CFTC.
- (i) For the purposes of Rule 210(g), the term "material, non-public information" shall mean "material information" that is "nonpublic information," as such terms are defined in CFTC Regulation 1.59(a).

RULE 211. Restrictions on Certain Persons who Possess Material, Non-Public Information: Improper Use or Disclosure of Material Non-Public Information

No member of the Board or of any Board committee, no member of any other committee of BSEF, no Officer of BSEF, no employee of BSEF and no consultant to BSEF shall:

- (a) trade for such Person's own account, or for or on behalf of any other account, in any commodity interest on the basis of any material, non-public information obtained through the performance of such Person's official duties;
- (b) use or disclose, for any purpose other than the performance of such Person's official duties, any material, non-public information obtained by such Person as a result of such Person's official duties, <u>provided</u>, <u>however</u>, that this Section shall not prohibit disclosures made by such Person in the course of his or her official duties or disclosures made to the CFTC, any Self-Regulatory Organization, a court of competent jurisdiction or any agency or department of the federal or state government; or

(c) trade, directly or indirectly, in any Swap traded on the SEF operated by BSEF; in any related commodity interest; or in any commodity interest traded on any DCM or SEF or cleared by any Clearing House if such Person has access to material non-public information concerning such Swap or commodity interest.

RULE 212. Emergency Rules

- (a) In the event of an Emergency, BSEF may implement temporary emergency procedures and rules ("Emergency Rules"), subject to the applicable provisions of the CEA and CFTC Regulations. Implementation of Emergency Rules shall be done in consultation with the CFTC. Emergency Rules may require or authorize BSEF, the Board, any committee of the Board, the President, or any other Officer to take actions necessary or appropriate to respond to the Emergency, including the following actions:
 - (i) suspending or curtailing trading or limiting trading to liquidation only (in whole or in part);
 - (ii) extending or shortening the last trading date for Swaps;
 - (iii) ordering the fixing of a settlement price;
 - (iv) ordering the liquidation or transfer of an open position in any Swap, or the reduction of positions;
 - (v) extending, limiting or changing the Trading Hours;
 - (vi) imposing or modifying intraday market restrictions;
 - (vii) transferring customer contracts and the margin in an emergency;
 - (viii) imposing special margin requirements;
 - (ix) extending or shortening the expiration date of a Swap;
 - (x) altering any Swap's settlement terms and conditions;
 - (xi) imposing or modifying price limits;
 - (xii) imposing, modifying or reducing position limits; and/or
 - (xiii) temporarily modifying or suspending any provision of the BSEF Rules or Obligations.
- (b) Before any Emergency Rule may be adopted and enforced, a required vote of the Board must approve the implementation of such Emergency Rule at a duly convened meeting requested by the President or any other Officer. Directors may attend such a meeting by teleconference. Each Director participating in such meeting shall be subject to Rule 210. If the President determines that Emergency Rules must be implemented with respect to an Emergency

before a meeting of the Board can reasonably be convened, then the President shall have the authority, without Board action, to implement any Emergency Rules with respect to such Emergency that he or she deems necessary or appropriate to respond to such Emergency.

- (c) Whenever BSEF, the Board, any committee of the Board, or the President takes actions necessary or appropriate to respond to an Emergency (including the actions set forth in paragraph (a) above), an Authorized Representative of BSEF will post a Notice to Participants regarding such Emergency, as soon as practicable. When the Board, any committee of the Board or the President determines that the Emergency is no longer in effect, permitting the SEF operated by BSEF to resume normal functioning; any such actions responding to an Emergency will be terminated.
- (d) BSEF will use reasonable efforts to notify the CFTC prior to implementing, modifying or terminating an Emergency Rule. If such prior notification is not possible or practicable, BSEF will notify the CFTC as soon as possible or reasonably practicable, but in all circumstances within twenty-four (24) hours of the implementation, modification or termination of such Emergency Rule.
- (e) Upon taking any action in response to an Emergency, BSEF will document the decision-making process related to such action. Such documentation will be kept for at least five years following the date on which the Emergency ceases to exist or to affect the SEF operated by BSEF, and all such documentation will be provided to the CFTC upon request.

RULE 213. Information-Sharing Agreements

- (a) BSEF shall enter into information-sharing agreements or other arrangements or procedures necessary to allow BSEF to obtain any necessary information to perform any monitoring of trading and Trade processing, provide information to other markets, the CFTC or any other Governmental Body with jurisdiction over BSEF upon request and which allow BSEF to carry out such international information-sharing agreements as the CFTC may require. As part of any information-sharing agreements or other arrangements or procedures adopted pursuant to this Rule, BSEF may:
 - (i) provide market surveillance reports to the CFTC, any Governmental Body with jurisdiction over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets;
 - (ii) share information and documents concerning current and former Participants to the CFTC, any Governmental Body with jurisdiction over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets;
 - (iii) share information and documents concerning ongoing and completed investigations to the CFTC, any Governmental Body with jurisdiction over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets; and/or
 - (iv) require its current or former Participants to provide information and documents to BSEF at the request of the CFTC, any Governmental Body with jurisdiction

over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets.

- (b) BSEF may enter into any information-sharing arrangement with any Person or body (including the CFTC, the NFA, any Self-Regulatory Organization, any SEF, DCM, market, or clearing organization, or any Governmental Body) if BSEF (i) believes that such entity exercises a legal or regulatory function under any law or regulation, or a function comprising or associated with the enforcement of a legal or regulatory function, or (ii) considers such arrangement to be in furtherance of the purpose or duties of BSEF and the SEF operated by BSEF under Applicable Law.
- Managers, Authorized Traders, Supervised Persons, Customers or Accounts or their agents, or Trades of Participant or of its Customers or Accounts, including the content of this Agreement, to any Governmental Body, to the Regulatory Services Provider, to an SDR where BSEF reports Trades, to any other person or entity as required by Applicable Law or as necessary to conclude Participant's Trades, submit Participant's Trades for clearance or perform services requested by a Participant, and to any Person providing services to BSEF with respect to the SEF operated by BSEF. BSEF will not disclose any proprietary data or personal information of any Participant, Account Manager, Authorized Trader, Supervised Person, Customer or Account without a corresponding confidentiality agreement between such Person and BSEF, unless the Person requesting such information is a Governmental Body.

RULE 214. Regulatory Services Agreement with the Regulatory Services Provider

BSEF has contracted with the Regulatory Services Provider to provide certain regulatory services to BSEF pursuant to a Regulatory Services Agreement. In accordance with the Regulatory Services Agreement, the Regulatory Services Provider may perform certain surveillance, investigative, and regulatory functions under the BSEF Rules and BSEF may provide information to the Regulatory Services Provider in connection with the performance by the Regulatory Services Provider of those functions. BSEF shall retain ultimate decision-making authority with respect to any functions that are contracted to the Regulatory Services Provider.

RULE 215. Delivery and Service of CFTC Communications for Non-U.S. Participants

In accordance with CFTC Rule 15.05, BSEF will serve as an agent of a non-U.S. Participant or a Customer of non-U.S. Participant for whom Swaps were executed or a non-U.S. Authorized Trader for purposes of accepting delivery and service of any communication issued by or on behalf of the CFTC to the non-U.S. Participant or the Customer of the non-U.S. Participant or the non-U.S. Authorized Trader, in each case with respect to any swap traded on the SEF operated by BSEF.

CHAPTER 3. PARTICIPANTS

RULE 301. Eligibility Criteria for Becoming a Participant

- (a) To be eligible for admission as a Participant, an applicant must demonstrate to the satisfaction of BSEF that it:
 - (i) is an ECP, and each Account or Customer on whose behalf it wishes to trade on the SEF operated by BSEF is an ECP, in each case eligible to enter into the asset classes of Swaps it wishes to trade on the SEF operated by BSEF;
 - (ii) is of good reputation and business integrity;
 - (iii) maintains adequate financial resources and credit;
 - (iv) is validly organized, in good standing, and authorized by its governing body and, if relevant, documents of organization, to trade Swaps;
 - (v) has not filed for bankruptcy;
 - (vi) is not a SEF Official, agent or affiliate of BSEF;
 - (vii) is not prohibited from using the services of BSEF for any reason whatsoever;
 - (viii) holds all registrations required under Applicable Law, if any;
 - (ix) is not subject to statutory disqualification under Section 8a(2) of the CEA;
 - (x) satisfies any other criteria that BSEF may require from a Participant to perform its SRO responsibilities, comply with Applicable Law or provide SEF services; and
 - (xi) is not an ISV or an automated trading system.
- (b) Once admitted, the Participant shall continue to comply with all applicable Eligibility Criteria in this Rule 301.
- (c) With respect to Cleared Swaps, each Participant that is an Account Manager, FCM or Introducing Broker must ensure that each of its, as applicable, Accounts or Customers has a clearing account with a Clearing Member that is a member of the Clearing House accepting for clearance Cleared Swaps traded on the SEF operated by BSEF and provide BSEF with evidence of such relationship. With respect to Non-Cleared Swaps, each Participant that is an Account Manager or Introducing Broker must ensure that each of its, as applicable, Accounts or Customers complies with Rule 534, if applicable. A DMA Customer that is an Account Manager must ensure that each of its Accounts complies with Rule 534, if applicable. Each Participant or DMA Customer that is an Account Manager must provide BSEF upon BSEF's prior Written request with

Written representation or proof of authority to place RFQs or Orders and execute Trades on the SEF operated by BSEF on behalf or in the name of each Account.

- (d) With respect to Cleared Swaps, each Participant that is not an Account Manager must either be a Clearing Member of a Clearing House where the Cleared Swaps are cleared or have a clearing account with a Clearing Member with respect to such Cleared Swap and provide SEF with evidence of such relationship. With respect to Non-Cleared Swaps, each Participant that is not an Account Manager must comply with Rule 534, if applicable.
- (e) Each Participant must provide BSEF with all information necessary for BSEF to establish Trading Accounts, and keep such information current and up-to-date.
- (f) Participants that do not have a relationship with a Clearing Member as set forth in subsection (c) or (d) of this Rule 301 are prohibited from entering RFQs or Orders in Cleared Swaps on the SEF operated by BSEF.
- (g) BSEF shall monitor its Participants to ensure that each Participant continues to qualify as an ECP.
- (h) Upon request of BSEF, a Participant shall promptly provide to BSEF or its Regulatory Services Provider information about its Customers, Accounts and Authorized Traders as BSEF requests related to or in connection with the SEF Activity of such Customers, Accounts and Authorized Traders.

RULE 302. Authorized Traders

- (a) Each Participant shall nominate or designate one or more Authorized Traders, who will conduct SEF Activity on behalf of the Participant.
 - (b) Each Authorized Trader:
 - (i) must be a natural person;
 - (ii) must satisfy any other requirements as may be prescribed by BSEF from time to time; and
 - (iii) must have a Trader ID.

A Participant that authorizes a third party to trade for its Trading Account on a discretionary basis pursuant to a power of attorney or other instrument must identify or approve a specific natural person as its Authorized Trader with respect to such Trading Account.

(c) Without limiting the foregoing, each Authorized Trader will abide by applicable BSEF Rules and Applicable Law, and each Participant or DMA Customer, as applicable, will ensure on an ongoing basis that:

- (i) none of its Authorized Traders is subject to a disqualification pursuant to any Applicable Law (unless an appropriate exemption has been obtained with respect thereto);
 - (ii) each of its Authorized Traders will be technically proficient;
- (iii) each of its Authorized Traders will conduct its business in a fair and equitable manner; and
- (iv) each of its Authorized Traders will conduct its business in accordance with the BSEF Rules.
- (d) By agreeing to become an Authorized Trader, an individual agrees to be bound by the duties and responsibilities of an Authorized Trader under these Rules and to be subject to, and comply with, the BSEF Rules and Obligations. Among other duties and responsibilities that BSEF may impose, an Authorized Trader must:
 - (i) have the authority, at BSEF's request, to adjust or withdraw any Order submitted under any Trader ID assigned to him or her; and
 - (ii) ensure that any SEF Activity conducted under any Trader ID assigned to him or her complies with all BSEF Rules and Obligations.
- (e) To nominate or designate an Authorized Trader, a Participant must follow the procedures established by BSEF. BSEF may establish criteria that individuals must fulfill to become an Authorized Trader. Any such criteria will be set out in the BSEF Rules. BSEF will not accept the registration as an Authorized Trader of any individual who is a SEF Official.
- (f) BSEF will promptly notify a Participant in Writing of the approval of nominated or designated Authorized Traders or if BSEF declines to approve the nomination or designation.
 - (g) BSEF will maintain a list of all appointed Authorized Traders for each Participant.
- (h) BSEF may, in its sole discretion terminate, revoke or suspend an Authorized Trader and shall promptly notify the Participant in Writing of such action. Upon such termination, revocation or suspension, BSEF will disable access of such Authorized Trader to the SEF operated by BSEF.
- (i) To request the termination of the designation of an Authorized Trader, the Participant or the Authorized Trader must notify BSEF following the procedures established by BSEF. BSEF will terminate access of such Authorized Trader to the SEF operated by BSEF immediately upon receipt of such notice from Participant.

RULE 303. Participant Application Process; Termination of Participant

(a) Any Person who desires to become a Participant shall (i) submit signed Participant Documentation; (ii) agree in Writing to abide by the BSEF Rules and Applicable Law; (iii)

provide such information and documentation as may be requested by BSEF; and (iv) follow the application procedures established by BSEF.

- (b) In considering an application from a potential Participant, BSEF may require additional information from the applicant, or conduct an investigation to verify information submitted by the applicant, or both.
- (c) If BSEF decides to admit an applicant as a Participant, it shall promptly notify the applicant and state in such notice the date on which the applicant shall become a Participant.
- (d) If BSEF decides to decline or condition an application for admission as a Participant, or terminate a Person's status as a Participant, BSEF shall promptly notify such Affected Person thereof in a Writing sent to the address provided by the applicant or maintained in BSEF registry of Participants. Such Affected Person may, within seven (7) calendar days, request in Writing that BSEF provide the reasons for the denial, conditioning or termination of Participant status. Within fourteen (14) calendar days after receiving such Written request, BSEF shall send in Writing to the Affected Person the reasons for the denial, conditioning or termination. Within fourteen (14) calendar days of receiving the BSEF's Written response, the Affected Person may request in Writing that BSEF reconsider its determination, and may provide any relevant representations or other information that such Affected Person believes to be relevant to the reconsideration.
- (e) BSEF may deny, condition or terminate Participant status of any Person if: (i) such Person is unable to satisfactorily demonstrate its ability to satisfy the Eligibility Criteria as set forth in Rule 301(a) to become or remain a Participant; (ii) such Person is unable to satisfactorily demonstrate its capacity to adhere to all applicable BSEF Rules; (iii) such Person would bring BSEF into disrepute as determined by BSEF in its sole discretion; or (iv) for such other cause as BSEF may reasonably determine.

RULE 304. Trading Privileges of a Participant

- (a) Upon admission as a Participant, the Participant must execute such Participant Documentation as required from time to time by BSEF, and such Participant Documentation must remain in effect for the Participant to access the SEF operated by BSEF.
- (b) Admission as a Participant entitles the Participant only to Trading Privileges and does not confer any right of ownership in, or right to attend or vote at meetings of, BSEF, or right to share in the profits, of BSEF. A Participant may not transfer or assign its status as a Participant.

RULE 305. Termination or Limitation of Trading Privileges and Trading Access

(a) Notwithstanding anything in the BSEF Rules to the contrary, the Chief Compliance Officer may, after consultation with the Regulatory Oversight Committee, if practicable, summarily suspend, revoke, limit, condition, restrict or qualify the Trading Privileges of a Participant or the Trading Access of an Authorized Trader, and may take other summary action against any Participant or any of its Supervised Persons or any Authorized Trader in accordance

with the BSEF Rules; <u>provided</u>, <u>however</u>, that the Chief Compliance Officer must reasonably believe that the business, conduct or activities of the Participant, Authorized Trader or Supervised Person in question is not in the best interests of BSEF or the marketplace, including based on any of the following: (i) statutory disqualification from registration as provided in CEA Section 8a(2) or (3); (ii) non-payment of fees, costs, charges, fines or arbitration awards; or (iii) the reasonable belief that immediate action is necessary to protect the public or the best interests of BSEF and the SEF operated by BSEF. BSEF may deny or limit Trading Privileges of a Participant or Trading Access of any Authorized Trader upon default of the Participant, Customer or Account, as applicable, on any Swap with respect to such Participant, Customer or Account.

- (b) Whenever practicable, the Compliance Department, acting on behalf of the Chief Compliance Officer, shall provide prior Written notice to the party against whom any action in accordance with paragraph (a) shall be taken. If prior notice is not practicable, BSEF will give notice at the earliest possible opportunity to the respondent against whom the action is brought. The Compliance Department, acting on behalf of the Chief Compliance Officer, will prepare a notice of summary action (which will state the action, the reasons for the action, and the effective time, date and duration of the action) and serve the notice on such party.
- (c) The summary action will become final upon the expiration of 20 days after the notice of action is served on the respondent.
- (d) At the request of BSEF, a respondent against whom a summary action is brought pursuant to this Rule 305 must provide books and records over which the respondent has access or control and must furnish information to, or appear or testify before, BSEF or the in connection with the enforcement of any BSEF Rule.
- (e) Participant may appeal any decision taken by BSEF under this Rule 305 as provided in Rule 620; <u>provided</u>, <u>however</u>, that any such decision by BSEF to deny or otherwise limit applicant's Trading Privileges or Trading Access shall continue in effect during such review.

RULE 306. Assessments and Fees

BSEF shall set the times and amounts of any assessments or fees to be paid by Participants, which assessments or fees shall be paid to BSEF when due. If a Participant fails to pay when due any such assessments or fees levied on such Participant, and such payment obligation remains unsatisfied for thirty days after its due date, BSEF may suspend, revoke, limit, condition, restrict or qualify the Trading Privileges of such Participant as it deems necessary or appropriate.

RULE 307. Authorized Representatives

Each Participant shall designate one or more Authorized Representatives who will represent the Participant before BSEF and its committees and receive notices on behalf of the Participant. The Authorized Representative shall be empowered by the Participant to act on its behalf and BSEF shall be entitled to rely on the actions of the Authorized Representative as binding on the Participant. Each Participant must provide BSEF with current contact and other requested information for each of its Authorized Representatives so that BSEF is able to immediately contact the Authorized Representatives.

RULE 308. Recording of Communications

BSEF may record conversations and retain copies of electronic communications between SEF Officials, on one hand, and Participants, their Account Managers, Authorized Traders, Supervised Persons or other agents, on the other hand, to the extent required by Applicable Law. Any such recordings may be retained by BSEF or the Regulatory Services Provider in such manner and for such periods of time as BSEF may deem necessary or appropriate.

RULE 309. Notices to Participants

BSEF shall publish a notice with respect to each addition to, modification of, or clarification of, the BSEF Rules or of any action to implement any BSEF Rules, in a form and manner that is reasonably designed to enable each Participant to become aware of and familiar with, and to implement any necessary preparatory measures to be taken by it with respect to, such addition or modification, prior to the effective date thereof (each a "Notice to Participants"). For purposes of publication in accordance with the first sentence of this Rule, it shall be sufficient (without limiting the discretion of BSEF as to any other reasonable means of communication) if a Notice to Participants is published on BSEF's website and posted on BSEF's internal notification system. Any Notice to Participants shall also be deemed to have been made to all Account Managers, Authorized Traders and Supervised Persons.

RULE 310. Communications between BSEF and Participants

Each Participant must provide BSEF with its current electronic mail address and telephone number and the electronic mail address and telephone number of any of its Authorized Traders and immediately (and in any event within 24 hours) update this information whenever it changes. All communications between BSEF and the Participant will be transmitted by electronic mail and/or posted on BSEF's website, except as otherwise specified by BSEF. The Participant shall be responsible for conveying such communications to its Authorized Traders and/or to its Account Managers. Each Participant will be responsible for promptly reviewing and, if necessary, responding to all electronic communications from BSEF to the Participant or any of its Account Managers, Authorized Traders, Supervised Persons or any Person to whom it has given Trader ID(s). All communications made to a Participant shall also be deemed to have been made to all Account Managers, Authorized Traders and Supervised Persons of such Participant.

RULE 311. Application of BSEF Rules and Jurisdiction

(a) ANY MARKET PARTICIPANT THAT DIRECTLY OR INDIRECTLY EFFECTS A TRANSACTION ON THE SEF OPERATED BY BSEF, OR ANY PARTICIPANT, AUTHORIZED TRADER OR OTHER PERSON ACCESSING OR ENTERING ANY RFQ OR ORDER OR SUBMITTING ANY SWAP INTO THE SEF OPERATED BY BSEF OR EXECUTING ANY TRADE PURSUANT TO THE RULES (i) IS BOUND BY, AND SHALL COMPLY WITH, THE BSEF RULES AND OBLIGATIONS, THE CLEARING HOUSE RULES, SWAP SPECIFICATIONS AND APPLICABLE LAW, IN EACH CASE TO THE EXTENT APPLICABLE TO IT, (ii)

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SUBMITS TO THE JURISDICTION OF BSEF WITH RESPECT TO ANY AND ALL MATTERS ARISING FROM, RELATED TO, OR IN CONNECTION WITH, THE STATUS, ACTIONS OR OMISSIONS OF SUCH PARTICIPANT, AUTHORIZED TRADER OR OTHER PERSON, AND (iii) AGREES TO ASSIST BSEF IN COMPLYING WITH ITS LEGAL AND REGULATORY OBLIGATIONS, COOPERATE WITH BSEF, THE CFTC AND ANY GOVERNMENTAL BODY WITH JURISDICTION OVER BSEF OR THE SEF OPERATED BY BSEF IN ANY INQUIRY, INVESTIGATION, AUDIT, EXAMINATION OR PROCEEDING.

(b) Any Person whose access to the SEF operated by BSEF is suspended for any period remains subject to the BSEF Rules, the Obligations and BSEF's jurisdiction throughout the period of suspension. Any Person whose access to the SEF operated by BSEF is revoked or terminated shall remain bound by the BSEF Rules and Applicable Law, in each case to the extent applicable to it, and subject to the jurisdiction of BSEF with respect to any and all matters arising from, related to, or in connection with, the status, actions or omissions of such Participant prior to such revocation or termination.

RULE 312. Description of Participant's Status

A Participant shall ensure that the form, content and context of any description of the Participant's status on the SEF operated by BSEF is not inconsistent with, and does not misrepresent, the Participant's capacity on the SEF operated by BSEF under the BSEF Rules or the Participant's registration, if any, under the CEA, or under any other Applicable Law.

RULE 313. Dissolution of Participants

All rights and privileges of a Participant terminate upon, and all obligations of a Participant shall survive the dissolution of the Participant.

RULE 314. Withdrawal of Participant

- (a) To withdraw from the SEF operated by BSEF, a Participant must notify BSEF of its withdrawal. Such withdrawal shall be accepted and effective immediately upon receipt of such notice by BSEF.
- (b) When BSEF accepts the withdrawal of a Participant, all rights and privileges of such Participant terminate (including the Trading Privileges). The accepted withdrawal of a Participant shall not affect the rights of BSEF under the BSEF Rules or relieve the former Participant of such Participant's obligations under the BSEF Rules before such withdrawal. Notwithstanding the accepted withdrawal of a Participant, the withdrawn Participant remains subject to the BSEF Rules, the Obligations and the jurisdiction of BSEF for acts done and omissions made while a Participant, and must cooperate in any SEF Proceeding under Chapter 6 as if the withdrawn Participant were still a Participant.

RULE 315. Compliance with the Commodity Exchange Act

All SEF Participants shall comply with all relevant provisions of the CEA and the Rules and regulations duly issued pursuant thereto by the CFTC, including the filing of reports, maintenance of books and records, and permitting inspection and visitation by Authorized Representatives of the CFTC or Department of Justice.

RULE 316. Access

RULE 316.A. ECP Access

BSEF will provide its services to any ECP with access to its markets and BSEF services that is impartial, transparent and applied in a fair and non-discriminatory manner; <u>provided</u>, <u>however</u>, that each ECP complies with BSEF's documentation and the eligibility requirements set forth in this Rulebook.

RULE 316.B. ISV Access

BSEF will provide ISVs with access to its trading platform and its data in a fair and non-discriminatory manner; <u>provided</u>, <u>however</u>, that each ISV shall comply with BSEF's criteria governing such access. Such access criteria shall be impartial and transparent.

RULE 317. Direct Market Access

- (a) DMA may be sponsored only by a Sponsoring Broker.
- (b) All trades in Cleared Swaps executed via DMA connection must be guaranteed by a Sponsoring Broker that assumes financial responsibility for all activity through the DMA connection.
- (c) Each DMA Customer must execute the DMA Customer Documentation as a condition of being granted access to the SEF operated by BSEF.
- (d) A Sponsoring Broker shall assist BSEF in any investigation into potential violations of the BSEF Rules, CFTC Regulations or the Act which occur through or with respect to a DMA connection guaranteed by such Sponsoring Broker. Such assistance must be timely and may include requiring any DMA Customer to produce documents, to answer questions from BSEF, and/or to appear in connection with an investigation.
- (e) A Sponsoring Broker shall suspend or terminate the Trading Access of a DMA Customer or any Authorized Trader associated with such DMA Customer if BSEF determines that the actions of the DMA Customer or any of its Authorized Traders threaten the integrity of the SEF operated by BSEF or liquidity of any Swap or violate any BSEF Rule or if the DMA Customer or any of its Authorized Traders fails to cooperate in an investigation.
- (f) If a Sponsoring Broker has actual or constructive notice of a violation of the BSEF Rules in connection with Direct Market Access by its DMA Customer and the Sponsoring Broker

fails to take appropriate action, BSEF may consider that the Sponsoring Broker has committed an act detrimental to the interest or welfare of BSEF.

RULE 318. Legal Certainty for SEF Trades

A transaction entered into on or pursuant to the BSEF Rules shall not be void, voidable, subject to rescission, otherwise invalidated, or rendered unenforceable as a result of:

- (a) a violation by BSEF of the provisions of section 5h of the Act or CFTC Regulations;
- (b) any CFTC proceeding to alter or supplement a Rule, term, or condition under section 8a(7) of the Act or to declare an emergency under section 8a(9) of the Act; or
 - (c) any other proceeding the effect of which is to:
 - (i) alter or supplement a specific term or condition or trading rule or procedure; or
 - (ii) require BSEF to adopt a specific term or condition, trading rule or procedure, or to take or refrain from taking a specific action.

RULE 319. Rights and Responsibilities after Suspension or Termination

- (a) When the Trading Privileges of a Participant or the Trading Access of any Authorized Trader are suspended, none of its rights and Trading Privileges (including the right to hold oneself out to the public as a Participant, enter RFQs or Orders into the SEF operated by BSEF and receive Participant rates for fees, costs, and charges at Participant levels) will apply during the period of the suspension, except for the right of the Participant in question to assert claims against others as provided in the BSEF Rules or the right to Trading Access. Any such suspension will not affect the rights of creditors under the BSEF Rules or relieve the Participant in question of its, his or her obligations under the BSEF Rules to perform any Swaps entered into before the suspension, or for any SEF fees, costs, or charges incurred during the suspension.
- (b) When the Trading Privileges of a Participant or the Trading Access of any Authorized Trader are terminated, all of a Participant's rights and Trading Privileges or an Authorized Trader's right to Trading Access will terminate, except for the right of the Participant in question to assert claims against others, as provided in the BSEF Rules. Any such termination will not affect the rights of creditors under the BSEF Rules. A terminated Participant may only seek to reinstate its Trading Privileges by applying for Trading Privileges pursuant to Rule 304. BSEF will not consider the application of a terminated Participant if such Participant continues to fail to appear at disciplinary or appeals proceedings without good cause or continues to impede the progress of disciplinary or appeals proceedings.
- (c) A suspended or terminated Participant, Authorized Trader or Supervised Person remains subject to the BSEF Rules and the jurisdiction of BSEF for acts and omissions prior to the suspension or termination, and must cooperate in any inquiry, investigation, disciplinary or

appeals proceeding, summary suspension or other summary action as if the suspended or terminated Participant still had Trading Privileges or the terminated Authorized Trader still had Trading Access. BSEF may discipline a suspended Participant or Authorized Trader under this Chapter 6 for any violation of a BSEF Rule or provision of Applicable Law committed by the Participant or Authorized Trader before, during or after the suspension.

(d) Upon the request of a Customer, in the event of the suspension or revocation of the Trading Privileges of a Participant, BSEF shall seek to facilitate the transfer of any Customer accounts held by such Participant to other Participants with Trading Privileges.

CHAPTER 4. OBLIGATIONS OF PARTICIPANTS, ACCOUNT MANAGERS, DMA CUSTOMERS, AUTHORIZED TRADERS AND SUPERVISED PERSONS

RULE 401. Duties and Responsibilities

- (a) Each Participant, Account Manager, DMA Customer, Authorized Trader and Supervised Person shall:
 - (i) ensure that BSEF's facilities are used in a responsible manner and are not used for any improper purpose;
 - (ii) ensure that BSEF's facilities are used only to conduct SEF Activity;
 - (iii) ensure that all SEF Activity conducted by the Participant, Account Managers, Authorized Traders and Supervised Persons is performed in a manner consistent with applicable BSEF Rules and their respective Obligations;
 - (iv) comply with all BSEF Rules and Obligations and act in a manner consistent with each BSEF Rule and Obligation;
 - (v) observe high standards of integrity, market conduct, commercial honor, fair dealing, and just and equitable principles of trade while conducting or attempting to conduct any SEF Activity, or any aspect of any business connected with or concerning the SEF operated by BSEF;
 - (vi) not mislead or conceal any material fact or matter in any dealings or filings with BSEF or in response to any SEF Proceeding; and
 - (vii) keep the Authorized Trader's Trader IDs, account numbers and passwords confidential.

(b) Each Participant shall be responsible for promptly informing BSEF of any material changes to Eligibility Criteria information provided to BSEF by the Participant.

RULE 402. Required Disclosures to BSEF

Each Participant shall immediately notify the Compliance Department upon becoming aware of any of the following events:

- (a) any material change to the contact information provided to BSEF by the Participant;
- (b) any damage to, or failure or inadequacy of, the systems, facilities or equipment of the Participant to effect transactions pursuant to the BSEF Rules or to timely perform the Participant's financial obligations under or in connection with Swaps of such Participant or Swaps of any Customer or Account of such Participant;
- (c) any refusal of admission of the Participant for membership in, any Self-Regulatory Organization, SEF, DCM, or Derivatives Clearing Organization;
- (d) any expulsion, suspension or fine in excess of \$25,000 (whether through an adverse determination, voluntary settlement or otherwise) imposed on the Participant by any Self-Regulatory Organization, SEF, DCM, Derivatives Clearing Organization or, with respect to SEF Activity, any relevant Governmental Body;
- (e) any revocation, suspension or conditioning of any registration or license of a Participant necessary to conduct SEF Activity granted by any relevant Governmental Body;
- (f) (A) the commencement of any judicial or administrative proceeding against the Participant or any Authorized Trader or Supervised Person or (B) the imposition of any fine in excess of \$25,000, cease and desist order, denial of trading privileges, censure or other sanction or remedy (whether through an adverse determination, voluntary settlement or otherwise) imposed, in each case of (A) and (B), by any Self-Regulatory Organization, SEF, DCM, Derivatives Clearing Organization or, with respect to SEF Activity, any relevant Governmental Body;
- (g) any indictment or conviction of, or any confession of guilt or plea of guilty or nolo contendere by, any principals or senior officers of the Participant or any Authorized Trader for any felony or misdemeanor involving, arising from, or related to, the purchase or sale of any commodity, futures contract, swap, option, security, securities futures product or other financial instrument, or involving or arising from fraud or moral turpitude; and
- (h) the Participant's or a 10% or greater owner of the Participant becoming the subject of a petition for bankruptcy;
- (i) the appointment of a receiver, trustee or administrator for the Participant or a 10% or greater owner of the Participant;
- (j) the presentment of a petition, or the passing of a resolution, for the Participant's or a 10% or greater owner of the Participant winding-up;

- (k) the commencement of proceedings for the Participant's or the 10% or greater owner's of the Participant dissolution; or
- (l) the occurrence of an event of insolvency with respect to the Participant or the 10% owner or greater owner of the Participant.

RULE 403. Inspections by BSEF

- (a) BSEF or the Regulatory Services Provider (or their respective authorized representatives), shall have the right with such prior reasonable advance notice as is practicable under the circumstances, in connection with determining whether all BSEF Rules are being, will be, or have been complied with by the Participant, to:
 - (i) inspect the books and records of the Participants relating to SEF Activity;
 - (ii) inspect systems, equipment and software of any kind operated by the Participant in connection with SEF Activity and any data stored in any of the systems or equipment related to SEF Activity; and/or
 - (iii) copy or reproduce any data to which BSEF has access under this Rule.
- (b) Such books and records, systems, equipment, software and data shall be made available to BSEF and the Regulatory Services Provider and their respective authorized representatives during regular business hours and BSEF and the Regulatory Services Provider and their respective authorized representatives agree to adhere to Participant's reasonable logical and physical access and security procedures.
- (c) Each Participant, DMA Customer and Authorized Trader shall provide the Regulatory Services Provider with the same access to their books and records as they are required to provide to BSEF under the BSEF Rules and Applicable Law.
- (d) The Compliance Department may require a Participant to furnish (periodically or on a particular occasion) information concerning the Participant's SEF Activity.

RULE 404. Minimum Financial and Related Reporting Requirements

Each Participant that is registered with any Self-Regulatory Organization shall comply with the provisions of Applicable Law relating to minimum financial and related reporting and recordkeeping requirements.

RULE 405. Position Liquidation upon Default

Upon default of any Swap by a Participant, Customer or Client, BSEF shall have the right to arrange the liquidation of all or some Swap positions of such Participant, Customer or Client, as applicable, opened via the SEF operated by BSEF.

RULE 406. Authority to Impose Restrictions

Whenever a Participant is subject to the early warning requirements set forth in the CFTC Regulations, including CFTC Regulation 1.12, the President, or his or her designee, may impose such conditions or restrictions on the business and operations of such Participant as the President, or his or her designee, may deem necessary or appropriate for the protection of Customers, other Participants or the SEF operated by BSEF.

RULE 407. Customers and Accounts

- (a) No Participant shall carry an account for a Customer or enter an RFQ or Order in the name of a Account unless the Participant has entered into a Written agreement with the Customer or Account that is in compliance with Applicable Law and the BSEF Rules.
- (b) Each Participant must: (1) ensure that the Customer or Account is an ECP at the time of execution of any Swap; (2) subject every Swap executed for the Customer or Account to the terms of the BSEF Rules insofar as they are applicable to that Swap; (3) in relation to any Swap executed for the Customer or Account, be able to comply with all requirements of the BSEF Rules and any other arrangements, provisions and directions given by BSEF; and (4) provide BSEF and its agents, including its Regulatory Services Provider, access to all information in connection with or related to its SEF Activity necessary for monitoring and enforcement of BSEF Rules.

RULE 408. Disclosure Requirements; Know Your Counterparty Requirements

- (a) With respect to Non-Cleared Swaps, Participants that are Swap Dealers or Major Swap Participants shall verify the status of each Counterparty as an ECP with respect to each Trade as provided in Part 23 of the CFTC Regulations applicable to business conduct standards for Swap Dealers and Major Swap Participants in their dealing with counterparties.
- (b) Each Participant must comply with the disclosure requirements imposed by the BSEF Rules.

RULE 409. Books and Records

RULE 409.A. Participant Books and Records

- (a) Each Participant shall prepare and keep current all books, ledgers and other similar records relating to its SEF Activity required to be kept by it pursuant to the Act, CFTC Regulations and these Rules and shall prepare and keep current such other books and records relating to its SEF Activity and adopt such forms as BSEF may from time to time prescribe. Such books and records shall be made available, upon request, to BSEF, the CFTC, the Department of Justice or any Governmental Body, regulator or Self-Regulatory Organization with jurisdiction over BSEF, and their respective Authorized Representatives.
- (b) In addition to information required by subsection (a) of this Rule 409, each Participant must comply with all applicable requirements of CFTC Regulation 1.35.

- (c) If a Participant cannot enter an Order or Request for Quote received from its Customer into the SEF Platform, the Participant must immediately create an electronic record that includes the account identifier that relates to the Customer Account, time of receipt, and terms of the Order or Request for Quote.
- (d) As required by CFTC Regulation 37.404, each Participant must keep records of their trading on the SEF operated by BSEF (including records of its activity in the index or instrument used as a reference price, the underlying commodity and related derivatives markets) and make such records available, upon request, to BSEF, the CFTC or any Governmental Body, regulator or Self-Regulatory Organization with jurisdiction over BSEF, and their respective Authorized Representatives.
- (e) Each Participant shall keep all books and records required to be kept by it pursuant to these Rules for a period of five years from the date on which they are first prepared unless otherwise provided in these Rules or required by Applicable Law. Such books and records shall be readily accessible during the first two years of such five-year period. During such five-year period, all such books and records shall be made available for inspection by, and copies thereof shall be delivered to, BSEF and its Authorized Representatives upon request.
- (f) Each Participant and Authorized Trader shall provide the NFA with the same access to its books and records and offices as it is required to provide BSEF under these Rules and Applicable Law.
- Participant's business that is subject to these Rules as BSEF deems necessary to enable it to perform its obligations under Applicable Law, including information relating to (i) Swaps executed on the SEF operated by BSEF and in related derivatives markets, including in the products underlying those Swaps, and (ii) information requested by a government agency relating to the SEF and/or BSEF's compliance with Applicable Law that BSEF believes is maintained by, or otherwise in the possession of, a Participant.
- (h) All data and information provided to or obtained by BSEF pursuant to this Rule 409 shall be subject to the provisions of Rule 805.

RULE 409.B. BSEF Books and Records

BSEF shall keep, or cause to be kept, complete and accurate books and records, including all books and records required to be maintained pursuant to the CEA, the CFTC Regulations or the BSEF Rules as required by CFTC Regulation 1.31.

RULE 410. Responsibility for Mandatory Trading

Each Participant that is a Swap Dealer or Major Swap Participant shall be responsible for compliance with the mandatory trading requirement under Section 2(h)(8) of the CEA and shall not enter into any Required Transaction outside a SEF that lists a Swap related to such Required Transaction

RULE 411. Eligibility for Clearing Exempt Transactions

Each Participant wishing to execute any Clearing Exempt Transaction on the SEF operated by BSEF must submit to BSEF the documentation required by Part 50 of the CFTC Regulations or CFTC Staff No-Action Letter 13-22 (each a "Clearing Exception Form") prior to sending an RFQ or placing an Order subject to the Clearing Exception. A Participant shall submit to BSEF all documentation supporting its eligibility (or the eligibility of its relevant Client or Customer, if applicable) for the Clearing Exception.

CHAPTER 5. TRADING PRACTICES, REPORTING, CLEARING AND BUSINESS CONDUCT

RULE 501. Scope

This Chapter 5 prescribes Rules concerning trading practices and business conduct on the SEF operated by BSEF and applies to all RFQs, Orders and Trades in Swaps as defined in Chapter 1.

RULE 502. Procedures

- (a) With respect to trading on or though the SEF Platform or subject to BSEF Rules, BSEF may adopt, without limitation, procedures relating to transactions in Swaps and trading on the SEF Platform or subject to BSEF Rules, including procedures to:
 - (i) disseminate the prices of bids and offers on, and trades in, Swaps;
 - (ii) record, and account for, Swaps and SEF Activity and regulate administrative matters affecting Swaps and SEF Activity;
 - (iii) establish limits on the number and/or size of RFQs or Orders that may be submitted by a Participant through the SEF Platform or subject to BSEF Rules;
 - (iv) establish limits on the aggregate notional amount of Swaps that may be held by a Participant;
 - (v) establish a limit on the maximum daily price fluctuations for any Swap and provide for any related restriction or suspension of trading in the Swap; and
 - (vi) establish minimum price quoting increments for each Swap.
- (b) BSEF may, in its discretion and at any time, amend any procedures adopted pursuant to Rule 502(a), and will publish the amendments in a Notice to Participant or in any other manner determined appropriate by BSEF.

RULE 503. Business Days and Trading Hours

Except as provided in Rule 212 with respect to Emergencies, BSEF shall determine and publish a Notice to Participants listing the Business Days of the SEF operated by BSEF and the Trading Hours for each Swap.

RULE 504. Rule Violations

- (a) It shall be an offense for a Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person to violate any BSEF Rule regulating the conduct or business of a Participant or its Account Managers, Authorized Traders or Supervised Persons, or any agreement made with BSEF, or to engage in fraud, dishonorable or dishonest conduct, or in conduct which is inconsistent with just and equitable principles of trade.
- (b) Participants shall assist BSEF in any investigation into potential violations of the BSEF Rules or, with respect to the SEF Activity, the CEA. Such assistance must be timely and may include, but not be limited to, producing documents, answering questions from BSEF or its designee, and/or appearing in connection with an investigation.
- (c) If a Participant has actual or constructive notice of a violation of BSEF Rules in connection with the use of the SEF operated by BSEF by a Participant, Customer, Account or Authorized Trader and the Participant fails to take appropriate action, the Participant may be found to have committed an act detrimental to the interest or welfare of the SEF operated by BSEF.

RULE 505. Fraudulent Acts

No Participant, Account Manager, DMA Customer, Authorized Trader, Supervised Person or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF shall engage in any fraudulent act or engage in any scheme to defraud, deceive, trick or mislead in connection with or related to any SEF Activity. Specifically, no Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person shall engage in front running, fraudulent trading, money passes, trading ahead of Customers, trading against Customers or accommodation trading.

RULE 506. Fictitious, Wash or Pre-Arranged Transactions

(a) No Participant, Account Manager, DMA Customer, Authorized Trader, Supervised Person or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF shall create fictitious transactions or wash transactions or execute any Order with knowledge of its nature. No Person shall place or accept Orders in the same Swap where the Person knows or reasonably should know that the purpose of the Orders is to avoid taking a bona fide market position exposed to market risk (transactions commonly known or referred to as wash sales). Orders for different accounts with common beneficial ownership that are entered with the intent to negate market risk or price competition shall also be deemed to violate the prohibition on

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wash trades. Additionally, no Person shall knowingly execute or accommodate the execution of such Orders by direct or indirect means.

(b) No Participant, Account Manager, DMA Customer or Authorized Trader shall engage in a pre-arranged transaction except as permitted by Rule 516.B, Rule 521 or Rule 531.

RULE 507. Pre-Execution Communications

- (a) Pre-Execution Communications with respect to Swaps executed through the Order Book shall be prohibited except in the case of Trades executed in accordance with Rule 521.
- (b) Pre-Execution Communications are permitted with respect to Swaps executed through the Request for Quote Functionality in accordance with Rule 522.A(b).

RULE 508. Market Disruption and Market Manipulation

- (a) Orders or RFQs entered into the SEF operated by BSEF for the purpose of upsetting the equilibrium of the market in any Swap without the intent to reflect fair market values or creating a condition in which prices do not or will not reflect fair market values are prohibited, and any Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person who makes or assists in entering any such Order or RFQ with knowledge of the purpose thereof or who, with such knowledge, in any way assists in carrying out any plan or scheme for the entering of any such Order or RFQ, will be deemed to have engaged in an act detrimental to the SEF operated by BSEF.
- (b) Any intentional attempted or completed manipulation of the market in any Swap is prohibited.
- (c) A Participant may not post on an Order Book and submit an RFQ to the SEF Platform in the same Swap at the same time using the same Participant ID.

RULE 509. Prohibition of Misstatements

It shall be an offense to make any knowing misstatement of a material fact to BSEF, any SEF Official, any Board committee or SEF panel, the Compliance Department and/or agents of BSEF (including the Regulatory Services Provider) or any Participant or any of its Account Managers, Authorized Traders or Supervised Persons.

RULE 510. Acts Detrimental to Welfare of SEF

It shall be an offense to engage in any act that is detrimental to the interest or welfare of the SEF operated by BSEF.

RULE 511. Adherence to Law

(a) No Participant, Account Manager, Customer, Authorized Trader or Supervised Person shall engage in conduct in violation of the BSEF Rules, the Act, CFTC Regulations, the

Rules of any SEF, or the rules of any DCM, DCO or SRO that has jurisdiction over such Participant, Account Manager, Customer, Authorized Trader or Supervised Person or, with respect to SEF Activity, the laws, rules or regulations of any relevant Governmental Body.

- (b) Without limiting subsection (a) of this Rule,
 - (i) each Participant that is an FCM or a Clearing Member must comply with all requirements of Applicable Law regarding the treatment of Customer funds and Customer Orders; and
 - (ii) each Participant, Customer or Account must comply with all margin requirements established by each relevant Clearing House and by each relevant Clearing Member, if applicable, as well as any margin requirements set forth by the CFTC or Applicable Law.

RULE 512. Use of Trading Privileges

No Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person may use such Participant's Trading Privileges in any way that could be expected to bring disrepute upon such Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person.

RULE 513. Supervision

Each Participant, DMA Customer and Account Manager shall be responsible for establishing, maintaining and administering reasonable supervisory procedures to ensure that its Authorized Traders and Supervised Persons, as applicable, comply with the BSEF Rules, the Act, CFTC Regulations, the Rules of any SEF, or the rules of any DCM, DCO or SRO that has jurisdiction over such Participant, Account Manager, DMA Customer, Authorized Traders or Supervised Persons or, with respect to SEF Activity, the laws, rules or regulations of any relevant Governmental Body, and such Participant may be held accountable for the actions of such Account Managers, Authorized Traders or Supervised Persons.

RULE 514. Misuse of the SEF Platform

Misuse of the SEF Platform is strictly prohibited. Only Swaps can be traded on the SEF operated by BSEF. It shall be deemed an act detrimental to the interest and welfare of the SEF operated by BSEF to willfully or negligently engage in unauthorized use of the SEF Platform, to assist any Person in obtaining unauthorized access to the SEF Platform, to trade on the SEF Platform without an agreement and an established account with a Derivatives Clearing Organization or a Clearing Member, to alter the equipment associated with the SEF Platform, to interfere with the operation of the SEF Platform, to intercept or interfere with information provided thereby, or in any way to use the SEF Platform in a manner contrary to the BSEF Rules.

RULE 515. Mishandling of Customer Orders

Any Participant that mishandles any Customer Order is responsible for all remedial actions with respect to such Order.

RULE 516. Trade Cancellation, Correction, Offset and Adjustment

RULE 516.A Trade Review and Notification of Action Taken

- (a) Any Trade executed on or in accordance with the Rules of the SEF operated by BSEF can be canceled, corrected, adjusted or offset only upon consent of BSEF and in accordance with this Rule 516. To request cancellation, correction, adjustment or offset of a Trade alleged to be erroneous ("Alleged Error Trade"), a Participant must notify the BSEF Support Desk at 1-212-617-1530 by providing the Trade ID (FIT Key) of the Alleged Error Trade and stating the grounds for the request as soon as possible, but no later than the end of the Business Day following the date of execution of the Alleged Error Trade.
- (b) For an Alleged Error Trade, the Compliance Department will review promptly the electronic audit trail of the Alleged Error Trade as well as any other facts and circumstances associated with the Alleged Error Trade. If BSEF makes an affirmative finding that the Alleged Error Trade was the result of a clerical or operational error and that the cancellation, correction, adjustment or offset of the Alleged Error Trade is appropriate and would not adversely impact market integrity, facilitate market manipulation or other illegitimate activity, or otherwise violate the CEA, CFTC Regulations or BSEF Rules, BSEF will designate such Alleged Error Trade as an "Error Trade."
- (c) BSEF will inform affected Participants of the Error Trade and of the next steps that the Participants must or could make. BSEF will also inform the affected Participants of the final disposition of the Error Trade.
- (d) In the course of its review of an Alleged Error Trade, other than a Trade executed via the CLOB, BSEF may, but is not obliged to, inform Participants affected by the Alleged Error Trade of the identity and contact information of any other Participant affected by the Alleged Error Trade.
- (e) For Trades executed via the CLOB that are determined to be Error Trades, BSEF will inform Participants affected by the Error Trade of the identity and contact information of any other Participant affected by the Error Trade if (i) all such Participants agree to or are required to enter into Trades described in Rule 516.B; and (ii) all such Participants consent to the disclosure of their identity and contact information to any other Participant affected by the Error Trade.
- (f) For purposes of this Rule 516, a Participant involved in an Alleged Error Trade and acting as an Account Manager, Introducing Broker or FCM shall have the authority to request or consent to the cancellation, adjustment or offset, as applicable, of such Trade on behalf of the relevant Counterparty involved in the Trade.

RULE 516.B Error Trade Cancellation, Correction and Offset – Cleared Swaps

(a) Participant Errors

- (i) For each Error Trade, BSEF may, if both Participants agree,
 - (A) request the appropriate Clearing House to cancel the Error Trade; or
 - (B) (1) allow the affected Participants to enter into a pre-arranged Trade with terms that offset the position on the books of the Clearing House that resulted from the Error Trade; and (2) if desired by the affected Participants, allow the affected Participants to execute a new Trade that corrects the error in the Error Trade. /or
 - (C) if desired by the affected Participants, allow the affected

 Participants to execute a new Trade that corrects the error in the Error

 Trade.
- (ii) All BSEF Rules other than Rule 506 and Rule 522.A shall apply to new Trades executed by Participants pursuant to this Rule 516.B(a).

(b) System Errors

- (i) If, after its own investigation or a notice from a Participant, BSEF determines in its sole discretion that the execution of a Trade was the result of an error made by the SEF Platform and the Trade has been designated as an Error Trade, then BSEF may:
 - (A) request the appropriate Clearing House to cancel the Error Trade; or
 - (B) (1) direct the affected Participants to enter into a pre-arranged Trade with terms that offset the position on the books of the Clearing House that resulted from the Error Trade; and (2) if desired by the affected Participants, allow the affected Participants to execute a new Trade that corrects the error in the Error Trade.
- (ii) If BSEF directs affected Participants to enter into a pre-arranged Trade in accordance with sub-section (i)(B) above, the affected Participants shall enter into such pre-arranged Trade.
- (iii) All BSEF Rules other than Rule 506 and Rule 522.A shall apply to new Trades executed by Participants pursuant to this Rule 516.B(b).
- (iv) Notwithstanding anything to the contrary in this Rule 516(B)(b), BSEF reserves the right to correct an Error Trade resulting from an error made by the SEF Platform by any means BSEF deems appropriate.
- (v) If BSEF is unable to determine how to correct the Error Trade, BSEF may either not fix the error, or it may seek guidance on how to address the error from the affected Participants. Any such guidance may not be implemented without consent from both Participants.
- (c) **Timing of an Offset and Correction.** For Error Trades in Cleared Swaps, the Trade to offset the Error Trade carried on the Clearing House's books or the new Trade that

corrects the error in the Error Trade executed pursuant to this Rule 516.B must be executed and submitted for clearing no later than three Business Days after the Error Trade was executed.

RULE 516.C Error Trade Cancellation and Adjustment – Non-Cleared Swaps

(a) Participant Error

(i) The Participants involved in an Error Trade may mutually agree to cancel the Error Trade or to adjust the price of the Trade. BSEF will cancel or adjust the Error Trade as instructed by the affected Participants.

(b) **System Error**

- (i) If, after its own investigation or a notice from a Participant, BSEF determines in its sole discretion that the execution of a Trade was the result of an error made by the SEF Platform and the Trade has been designated as an Error Trade, then BSEF may:
 - (A) cancel such Trade; or
 - (B) if both Participants affected by the Error Trade agree, adjust the price.
- (c) **Timing of a Cancellation or Adjustment.** Any cancellation or adjustment made pursuant to this Rule 516.C shall be made no later than three Business Days after the Error Trade was discovered.

RULE 516.D Prime Broker Trades

- (a) A Participant that is a Counterparty to a Prime Broker Trade may request the cancellation of a Prime Broker Trade by sending a cancellation message to BSEF. The cancellation message must state the name and contact information of the Prime Broker for the Prime Broker Trade and the reason for cancellation. If the Prime Broker confirms the cancellation, BSEF will cancel the Prime Broker Trade.
- (b) Subject to subsection (c) of this Rule, a Prime Broker shall have the right to cancel any Prime Broker Trade (i) that is executed in excess of the limit established by the Prime Broker with respect to the Prime Broker Trade, (ii) because the Prime Broker Trade was executed by a Person that was not authorized by the Prime Broker, or (iii) because the Prime Broker Trade was executed for an unauthorized product. The Prime Broker shall communicate the cancellation directly to BSEF within 48 hours after the execution of the Prime Broker Trade and indicate the reason for the cancellation.
- (c) Each Prime Broker that wishes to have the ability to instruct BSEF to cancel Trades executed on BSEF under Rule 516.B.(b) must sign documentation required by BSEF.

RULE 516.E Trade Cancellation and Adjustment by BSEF

- (a) BSEF may adjust or cancel a Trade that resulted from a market disrupting event or that is executed at a price that was outside the No-Bust Range.
- (b) If BSEF takes action pursuant to this Rule 516.E, it will give prompt notice to affected Participant or Participants and will use good faith, commercially reasonable efforts to obtain such Participants' consent to such adjustment or cancellation.

RULE 516.F Trade Reporting by BSEF

BSEF will report the adjustment or cancellation of the Error Trade and any new Trade entered into pursuant to this Rule in accordance with Rule 532.

RULE 517. Withholding Orders Prohibited

- (a) Any Participant entering RFQs or Orders on the SEF operated by BSEF for its Customers shall not withhold or withdraw from the market any RFQ or Order, or any part of an RFQ or Order, for the benefit of any Person other than the Customers.
- (b) A Participant must enter immediately into the SEF operated by BSEF all Orders or Requests for Quotes received from its Customers that are executable immediately. If a Participant cannot immediately enter into the SEF Platform an Order or Request for Quote received from its Customer, the Participant must enter the Order or Request for Quote into the SEF operated by BSEF as soon as practicable, and must immediately create an electronic record as provided in Rule 409.

RULE 518. Priority of Customers' Orders

No Participant that is an FCM or Introducing Broker shall enter an Order into the SEF operated by BSEF for his own account, an account in which he has a direct or indirect financial interest or an account over which he has discretionary trading authority, including an Order allowing discretion as to time and price, when such Person is in possession of any Order in the same Swap for its Customer that the SEF operated by BSEF is capable of accepting.

RULE 519. Trading Against Customers' Orders **Prohibited**

RULE 519.A. General Prohibition

No Person in possession of a Customer's Order shall knowingly take, directly or indirectly, the opposite side of such Order for its own account, an account in which it has a direct or indirect financial interest, or an account over which it has discretionary trading authority.

RULE 519.B. Exceptions

The foregoing restriction shall not apply to transactions executed pursuant to Rule 531.A or Rule 531.B.

RULE 520. Disclosing Orders Prohibited

No Person shall disclose another Person's RFQ or Order to buy or sell except to a designated SEF Official or the CFTC, and no Person shall solicit or induce another Person to disclose RFQ or Order information. No Person shall take action or direct another to take action based on non-public RFQ or Order information, however acquired.

RULE 521. Simultaneous Buy And Sell Orders For Different Beneficial Owners

- (a) A Participant that is a broker or a dealer which seeks either to execute against a Customer's Order or to execute two Customers against each other through an Order Book following some form of pre-arrangement or pre-negotiating of such Orders must expose one side of the transaction for a minimum of 15 seconds to the other Participants before the second side of the transaction (whether for the Participant's own account or for a second Customer) can be submitted for execution.
- (b) Notwithstanding the foregoing clause (a), this Rule shall not apply to any DMA Order.

RULE 522. Execution of Orders on the SEF Platform

RULE 522.A. Required Transactions

- (a) No Participant shall execute a Required Transaction in a Swap listed on the SEF operated by BSEF other than as described in this Rule 522.A unless it is a Block Trade.
 - (b) Request for Quote Functionality
 - (i) An RFQ for a specific Swap must be sent to at least three MAT Recipient Participants. A Participant is prohibited from sending an RFQ to less than three MAT Recipient Participants.
 - (ii) Together with the first response from any MAT Recipient Participant, the SEF Platform will display to a Requesting Participant any firm Resting Quotes for the Swap indicated in the RFQ that are posted on an Order Book together with any responses to the RFQ from the MAT Recipient Participants, and such Resting Quotes will remain displayed until all responses to the RFQ are received or the time for response has lapsed. The SEF Platform will permit the Requesting Participant to execute against such firm Resting Quotes along with any responsive Order from a MAT Recipient Participant.
 - "MAT Recipient Participant" means, with respect to any Requesting Participant sending any RFQ via the Request for Quote functionality of the SEF Platform, a Participant other

than the Requesting Participant that (x) is not an Affiliate of or Controlled by the Requesting Participant and (y) is not an Affiliate of or Controlled by any other MAT Recipient Participant receiving the same RFQ of the Requesting Participant.

(c) CLOB

Only firm bids and offers can be posted on the CLOB. Firm bids or offers may be posted on the CLOB only by a Participant that is a member of the applicable Clearing House, by a Participant that has a clearing account with a Clearing Member as set forth in Rule 533(b), or by a Participant in the name of an Account or Customer that has a clearing account with a Clearing Member as set forth in Rule 533(b). Bids and offers posted on the CLOB are anonymous and will be matched on a price/time priority basis.

RULE 522.B. Permitted Transactions

The following execution methods are available for Permitted Transactions

- (a) Order Book;
- (b) Request For Quote Functionality
- (c) Manual Order Ticket

RULE 522.C. Package Transactions

- (a) Other than as set forth in Rule 522.C(b), a Package Transaction or a component of a Package Transaction that is a Required Transaction must be executed as provided in Rule 522.A.
- (b) A Covered Package Transaction or a component of a Covered Package Transaction that is a Required Transaction may be executed by any means of execution for Permitted Transactions in accordance with CFTC No-Action Letter 14-137.

RULE 522.D. Execution of Swaps Subject to the Clearing Exemption

No Participant shall enter into a Clearing Exempt Transaction unless it (or its Account or Customer) or its Counterparty can claim a Clearing Exception with respect to such Clearing Exempt Transaction. An Order for a Clearing Exempt Transaction will be rejected if an applicable Clearing Exception Form is not on file with BSEF.

RULE 522.E. Block Trades

- (a) In accordance with CFTC No-Action Letter 14-118, which expires December 15, 2015 at 12:00 a.m. EST, until December 15, 2015 Block Trades in Cleared Swaps may be executed using the Request for Quote Functionality and reported to an SDR as set forth in BSEF Rule 532(d).
- (b) Each Counterparty to a Block Trade must be an ECP.

- (c) The aggregation of Orders for different accounts in order to satisfy the Minimum Block Trade size is permissible only by a Person who is a Qualified Account Manager.
- (d) A Qualified Account Manager transacting an aggregated Block Trade on behalf of any other Person must receive prior Written instruction or consent from each such other Person to do so. Such instruction or consent may be provided in the power of attorney or similar document by which the other Person provides the Person with discretionary trading authority or the authority to direct the trading in its account.

RULE 523. Trade Confirmations

- (a) BSEF will confirm each Trade at the same time as execution of the Trade. BSEF will provide each Counterparty to a Trade that is entered into on or pursuant to the BSEF Rules with a Written record of all of the terms of the Trade which shall legally supersede any previous agreement and serve as a confirmation of the transaction (a "Confirmation") as soon as technologically practicable after the execution of a Trade. Such terms shall legally supersede any previous agreement and serve as a confirmation of the Trade. BSEF will not include specific customer identifiers for accounts included in Bunched Orders if the applicable requirements of CFTC Regulation 1.35(b)(5) are met.
 - (b) On the Confirmation BSEF will:
 - (i) provide USI for the Trade and the name of the SDR where the Trade is reported;
 - (ii) identify the Counterparty that is a Reporting Counterparty pursuant to CFTC Regulation 45.8, and notify each Counterparty or its agent if the Counterparty is a Reporting Counterparty, using the information provided by a Participant pursuant to Rule 524.A or 524.C; and
 - (iii) if each Counterparty has equal reporting status under CFTC Regulation 45.8 BSEF will designate the Reporting Counterparty using the following rules:
 - For rates asset class, the Reporting Counterparty will be determined in accordance with the ISDA Dodd-Frank Act – Swap Transaction Reporting Party Requirements, the relevant portion of which is attached to this Rulebook as <u>Annex A</u>;
 - For credit asset class, the Reporting Counterparty is the seller of protection;
 - For foreign exchange, commodity and equity asset class: the Reporting Counterparty is the liquidity provider. A "liquidity provider" is a Person that: (i) for RFQ, provided the responses to an RFQ that led to the reported Trade; or (ii) for an Order Book, provided the first quote that led to the reported Trade.

(c) With respect to any Swap that is not a Cleared Swap, a Confirmation shall for purposes of Commission Regulation 37.6(b) consist of the Trade Communication and the Terms Incorporated by Reference. In the event of any conflict between (x) the Trade Communication and (y) the Terms Incorporated by Reference, the Trade Communication shall prevail to the extent of any inconsistency.

"**Trade Communication**" shall mean a Written communication provided by BSEF to each Participant involved in a Trade containing the economic terms of the Trade agreed by the Participants on the SEF operated by BSEF.

"Terms Incorporated by Reference" shall mean the documents and agreements (including, without limitation, ISDA master agreements, other master agreements, terms supplements, master confirmation agreements, and incorporated industry definitions) governing such Trade memorialized in the Trade Communication and existing at the time of execution of the Trade.

RULE 524. Order Entry Requirements

RULE 524.A. General

Each Authorized Trader entering an RFQ or Order with respect to any Swap traded on the SEF operated by BSEF must include with the Order, as applicable:

- (a) the Trader ID;
- (b) the Participant ID;
- (c) the Legal Entity Identifier of the Participant or Account Manager placing the RFQ or Order, if available;
- (d) the Counterparty's Legal Entity Identifier;
- (e) the Swap description or code;
- (f) the price or yield, quantity, maturity or expiration date of the Swap;
- (g) side of the Order;
- (h) the CTI code;
- (i) Trading Accounts and other relevant account(s);
- (j) a yes/no indication of whether the Counterparty is a Swap Dealer with respect to the Swap with respect to which the Order is placed;
- (k) a yes/no indication of whether the Counterparty is a Major Swap Participant with respect to the Swap with respect to which the Order is placed;

- (l) a yes/no indication of whether the Counterparty is a Financial Entity;
- (m) a yes/no indication of whether the Counterparty is a U.S. person;
- (n) a yes/no indication that a Swap is an inter-affiliate Swap that should not be subject to the real-time reporting requirements;
- (o) a yes/no indication of the Clearing Exception;
- (p) an indication of whether the Swap is a leg of a Package Transaction that is a Swap subject to (i) the trade execution requirement of Section 2(h)(8) of the Act and (ii) relief granted by CFTC No-Action Letter 14-137;
- (q) if applicable, other terms of a Swap that is not a Cleared Swap required by BSEF (e.g., type of Clearing Exception, collaterization); or
- (r) if the Swap will be allocated:
 - (i) an indication that the Swap will be allocated; and
 - (ii) the Legal Entity Identifier of the Account Manager.

RULE 524.B. Customer Type Indicator (CTI) Codes

Each Participant must identify each transaction submitted to the SEF operated by BSEF with the correct customer type indicator code (a "CTI" code). The CTI codes are as follows:

- CTI 1- Transactions executed by a Participant for its own account, for an account it controls, or for an account in which it has an ownership or financial interest.

 Applies to Trades placed by Account Managers and proprietary traders other than FCMs and Introducing Brokers.
- CTI 2- Transactions executed for the Proprietary Account of a Participant. Applies to FCMs and Introducing Brokers trading for their Proprietary Accounts.
- CTI 3- Orders that a Participant executes on behalf of another Participant, or for an account such other Participant controls or in which such other Participant has an ownership or financial interest. Applies to Trades placed by a DMA Customer using the Participant ID of the Sponsoring Broker.
- CTI 4- Any transaction not meeting the definition of CTIs 1, 2 or 3. Applies to Trades placed by FCMs and Introducing Brokers for their Customers and anything else.

RULE 524.C. Pre-Arranged Transactions

All Trades executed in accordance with Rule 531, unless otherwise exempted by a Rule, must be in the form of a Written or electronic record and include in the Order ticket all information required by Rule 524.A.

RULE 525. Position Limits

- (a) To reduce the potential threat of market manipulation or congestion, BSEF shall adopt for each of the contracts of the SEF operated by BSEF, as is necessary and appropriate, position limitations for speculators. Where the CFTC has established a position limit for any Swap, BSEF's position limit for that Swap shall not be higher than such limit established by the CFTC. Such limits will apply only with respect to trading on the SEF operated by BSEF.
- (b) Except as otherwise provided by the BSEF Rules, no Person, including a Participant, may hold or control a position in excess of such position limits and a Participant may not maintain a position in excess of such position limits for an Account or Customer if such Participant knows, or with reasonable care should know, that such position will cause such Account or Customer to exceed the applicable position limits.
- (c) Position limits shall apply to (i) all positions in accounts for which any Person, by power of attorney or otherwise, directly or indirectly holds positions or controls trading, and (ii) positions held by two or more Persons acting pursuant to an expressed or implied agreement or understanding, as if the positions were held by, or the trading of the positions were done by, a single Person.
- (d) For Required Transactions, BSEF will enforce position limits only for Trades executed on the SEF operated by BSEF. For Permitted Transactions, BSEF will demonstrate compliance with CFTC Regulation 37.600 by sending the CFTC a list of Permitted Transactions traded on the SEF operated by BSEF.

RULE 526. Exemptions from Position Limits

Any Person seeking an exemption from the position limits referred to in Rule 525 must file an application with BSEF. BSEF shall notify the applicant whether the exemption has been approved and whether BSEF has imposed any limitations or conditions on the exemption. The decision of BSEF shall be final.

RULE 527. Position Accountability

- (a) To reduce the potential threat of market manipulation or congestion, BSEF shall adopt for each of the contracts of the SEF operated by BSEF, as is necessary and appropriate, position accountability levels for speculators. Any Person, including a Participant, who owns or controls Swaps in excess of the applicable position accountability level shall provide to BSEF at its request any information regarding the nature of the position, trading strategy or hedging activities, if applicable, and if ordered by BSEF, shall not increase the size of any such position.
- (b) For purposes of this Rule, all positions in accounts for which a Person, by power of attorney or otherwise, directly or indirectly controls trading shall be included with the positions held by such Person. The provisions of this Rule shall apply to positions held by two or more Persons acting pursuant to an expressed or implied agreement or understanding, as if the positions were held by a single Person.

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RULE 528. Bunched Orders and Orders Eligible for Post-Execution Allocation

- (a) Only the following categories of Persons may place a Bunched Order to be allocated post-execution on the SEF Platform or that is subject to BSEF Rules:
 - (i) a commodity trading advisor registered with the Commission pursuant to the Act or excluded or exempt from registration under the Act or the CFTC Regulations, except for entities exempt under CFTC Regulation 4.14(a)(3);
 - (ii) an investment adviser registered with the SEC pursuant to the Investment Advisers Act of 1940 or with a state pursuant to applicable state law or excluded or exempt from registration under the Investment Advisers Act of 1940 or applicable state law or rule;
 - (iii) a bank, insurance company, trust company, or savings and loan association subject to federal or state regulation;
 - (iv) a foreign adviser that exercises discretionary trading authority solely over the accounts of non-U.S. persons, as defined in CFTC Regulation 4.7(a)(1)(iv);
 - (v) a Futures Commission Merchant registered with the Commission pursuant to the Act; or
 - (vi) an Introducing Broker registered with the Commission pursuant to the Act.
- (b) Bunched Orders must be allocated and recorded in accordance with CFTC Regulation 1.35(b)(5) and the NFA's Interpretative Notice related to Compliance Rule 2-10.
- (c) Bunched Orders may be entered using an Account Series Designation or suspense account number; provided, however that:
 - (i) the Order is being placed by an Account Manager for multiple accounts eligible for post-execution allocation; or
 - (ii) a Written, pre-determined allocation scheme that defines the series has been provided to the FCM accepting or clearing the Order prior to the time that such Order is entered. In the latter case, if such information has not been provided to the FCM prior to the time of Order enter, each specific account number must be provided to BSEF. Additionally, for all such Bunched Orders executed on the SEF Platform or subject to BSEF Rules, the final account-specific allocations must be provided to BSEF no later than the End of Trading.

RULE 529. Orders Entered Prior to SEF Opening

Participants are prohibited from sending any Request for Quote or Order or using an Order Book or any other facility of BSEF prior to the opening of the trading session.

RULE 530. Identification of Authorized Traders

Each Authorized Trader shall be identified to BSEF and shall be subject to the BSEF Rules. It is the duty of the Participant to ensure that Authorized Trader (and Trader ID) registration is current and accurate at all times. Each individual must use a Trader ID to access the SEF operated by BSEF. In no event may a Person enter an RFQ or Order or permit the entry of an RFQ or Order by an individual using a user Trader ID other than the individual's own Trader ID.

RULE 531. Pre-Arranged Transactions

RULE 531.A. Block Trades

- (a) Each buy or sell Order underlying a Block Trade must (1) state explicitly that it is to be, or may be, executed by means of a Block Trade and (2) comply with any other applicable CFTC Regulations governing Block Trades.
- (b) Each Person transacting a Block Trade shall be a Participant and shall comply with all applicable BSEF Rules other than those which by their terms only apply to trading through the SEF Platform.
 - (c) Each Counterparty to a Block Trade must be an ECP.
- (d) A Block Trade must be reported to the SEF operated by BSEF. A Block Trade must be reported to the SEF operated by BSEF by one Counterparty (or a Participant acting on behalf of such Counterparty) and confirmed by the other Counterparty (or a Participant acting on behalf of such Counterparty) as soon as practicable after its execution, but may not be submitted any later than 10 minutes after the execution of the Block Trade. Each Block Trade must state the time of execution to the nearest millisecond.
- (e) BSEF will review the information submitted by the Participant(s) for the Block Trade and will report the Block Trade as required by Part 43 and Part 45 of the CFTC Regulations if the details are complete and accurate in accordance with this Rule. A Participant that executes a Bunched Order as a Block Trade must comply with Rule 524.C. A Participant that executes a Bunched Order as a Block Trade must provide BSEF with the allocation information as soon as practicable.
 - (f) Block Trades shall not trigger unexecuted Orders.
- (g) Each Participant or Account Manager that is a party to a Block Trade or executes a Block Trade on behalf of its Accounts or Customers must comply with the recordkeeping requirements set forth in Rule 409.A(c). Upon request by BSEF, such Participant shall produce satisfactory evidence, including the order ticket referred to in the preceding sentence, that the Block Trade meets the requirements set forth in this Rule 531.A.
- (h) Any Block Trade in violation of these requirements shall constitute conduct which is inconsistent with just and equitable principles of trade.

- (i) The aggregation of Orders for different accounts in order to satisfy the Minimum Block Trade size is permissible only by a Person who is a Qualified Account Manager.
- (j) A Qualified Account Manager transacting an aggregated Block Trade on behalf of any other Person must receive prior Written instruction or consent from each such other Person to do so. Such instruction or consent may be provided in the power of attorney or similar document by which the other Person provides the Person with discretionary trading authority or the authority to direct the trading in its account.

RULE 531.B. Complex Permitted Transactions

- (a) Two Participants may arrange bilaterally a Complex Permitted Transaction subject to BSEF Rules outside the SEF Platform.
- (b) A Complex Permitted Transaction shall comply with all applicable BSEF Rules other than those which by their terms apply only to execution through the SEF Platform.
- (c) A Complex Permitted Transaction must be reported to BSEF as soon as technologically practicable but no later than 10 minutes after the arrangement is made.
- (d) A Complex Permitted Transaction shall not be executed and binding on the Counterparties until received by BSEF and confirmed by BSEF in accordance with Rule 523.
- A "Complex Permitted Transaction" means a complex multi-legged transaction for which electronic methods of execution on the SEF Platform have not yet been developed. Such transactions must be composed of Swaps listed on the SEF operated by BSEF and each leg must be a Permitted Transaction.

RULE 531.C. Covered Package Transactions

Two Participants may arrange bilaterally a Covered Package Transaction subject to BSEF Rules outside the SEF Platform; <u>provided</u>, <u>however</u>, that each component of such Covered Package Transaction that is a Required Transaction must be executed on the SEF Platform. Such Required Transaction may be executed via execution methods for Permitted Transactions.

RULE 532. Reporting to SDR

- (a) BSEF will report each Trade to an SDR of BSEF's choice as soon as technologically practicable after the execution of such Trade. BSEF will report all real-time data required by Part 43 of the CFTC Regulations and all creation data required by Part 45 of the CFTC Regulations.
- (b) The Reporting Counterparty designated in accordance with subsection (b) of Rule 523 shall comply with all reporting obligations set forth in Part 45 of the CFTC Regulations applicable to a Reporting Counterparty including reporting Trade allocations.
- (c) BSEF will report the actual notional or principal amount of a Block Trade to the appropriate SDR as set forth in Part 43 and Part 45 of the CFTC Regulation.

- (d) A Participant that is a Reporting Counterparty or the Account Manager or broker for a Reporting Counterparty may instruct BSEF to report a Trade executed pursuant to BSEF Rules 522.E or 531.A as a "block trade" for purposes of Part 43 of CFTC Regulations.
- (e) Each Participant that is the Reporting Counterparty, or an Account Manager or broker for a Reporting Counterparty shall review the Trade details as soon as technologically practicable upon transmission of the Trade details to the Participant. The non-reporting counterparty shall report any errors in such Trade details to the Reporting Counterparty as soon as technologically practicable. The Reporting Counterparty shall report all errors in such Trade details to BSEF as soon as technologically practicable after finding or being made aware of any error or omission in the data as reported and/or maintained by the relevant SDR. BSEF shall then submit the corrected data to the relevant SDR.
- (f) No Person, including BSEF, shall submit or agree to submit a cancellation or correction for the purpose of re-reporting Swap transaction and pricing data in order to gain or extend a delay in public dissemination of accurate Swap transaction or pricing data or to otherwise evade the reporting requirements in Part 43 of the CFTC Regulations.
 - (g) BSEF will report Trades to an SDR as set forth below:
 - (i) Cleared Swaps all asset classes: BSEF reports to BSDR LLC, except as described in subsection (iv) below;
 - (ii) Non-Cleared Swaps rates, credit and foreign exchange asset classes: BSEF reports to DTCC Data Repository (U.S.) LLC ("DDR");
 - (iii) Non-Cleared Swaps commodity asset class: BSEF reports to DDR or ICE Trade Vault, LLC ("ICE Trade Vault"). Unless a Participant that is the reporting counterparty or Participant acting as an agent for the reporting counterparty requests BSEF to report all Trades in commodity asset class to ICE Trade Vault, BSEF will report all non-cleared swaps of such reporting counterparty to DDR;
 - (iv) Package Transactions where at least one leg is a Non-Cleared Swap: BSEF reports all legs of the Package Transaction to DDR; and
 - (v) Package Transactions where all Swap legs are Cleared Swaps: BSEF reports all Swap legs of the Package Transactions to BSDR.

RULE 533. Cleared Swaps

- (a) Each Cleared Swap shall be cleared through the Clearing House indicated in the Swap Specification in accordance with the CEA and the CFTC Regulations.
- (b) For each Cleared Swap a Participant expects to enter into via the SEF Platform or subject to BSEF Rules, the Participant or an Account or Customer of the Participant must establish a clearing account with the Clearing House or with a Clearing Member of the Clearing House, in each case, designated in the Swap Specification for such Cleared Swap.

- (c) All Trades in Cleared Swaps by a Participant or its Account or Customer must be guaranteed to the Clearing House by a Clearing Member following the Clearing Member's acceptance of such Trade for clearing.
- (d) BSEF shall submit each Trade to the Clearing House specified in the Swap Specifications. If BSEF receives a notice from the Clearing House rejecting a Trade for clearing, such Trade is void ab initio.
- (e) BSEF will provide each Clearing Member with tools to screen each Order or RFQ in Cleared Swaps based on criteria established by such Clearing Member. If an Order or an RFQ fails to satisfy the criteria established by the Clearing Member, BSEF will reject the Order or will not allow the RFQ to be sent.

RULE 534. Non-Cleared Swaps

- (a) Any Participant that is a Swap Dealer or Major Swap Participant, or if neither Counterparty is a Swap Dealer or Major Swap Participant, the Participant that is the Reporting Counterparty, that places an Order or sends or responds to an RFQ with respect to a Non-Cleared Swap shall ensure that there is a Non-Cleared Swap Agreement between the Participant or its Account, as applicable, and the prospective Counterparty to such Swap prior to placing such Order or sending or responding to such RFQ. Both Participants involved in execution of a Non-Cleared Swap (whether in a principal capacity or in their capacity as agents on behalf of their respective Accounts or Customers) shall, upon the request of BSEF, make available to BSEF any terms of such Non-Cleared Swap that are not reflected in the applicable Swap Specification and shall comply with Order entry requirements for Non-Cleared Swaps that BSEF shall establish from time to time.
- (b) Each Participant involved in a Prime Broker Trade must notify the Prime Broker as soon as technologically possible of each Prime Broker Trade executed pursuant to the Rules of BSEF to which the Prime Broker is a Counterparty, and provide to the Prime Broker the Confirmation for the Prime Broker Trade issued by BSEF.

RULE 535. Risk Controls

- (a) BSEF may, in its sole discretion, reject any RFQ or Order or Block Trade placed or reported on the SEF Platform if such RFQ or Order or Block Trade is in violation of any BSEF Rule or Applicable Law.
- (b) BSEF shall have the right to take any action to reduce the potential of market disruption, including market restrictions that pause or halt trading in market conditions prescribed by BSEF if such action is in the best interest of the swap markets.
- (c) BSEF shall have the right in its sole discretion to cancel Trades executed at prices outside the No-Bust Range. "**No-Bust Range**" shall mean the price of a Swap that is no more than 30% higher or lower than the prior Business Day's Daily Settlement Price for such Swap.

- (d) If a Swap affected by any action of BSEF under this Rule 535 is fungible with, linked to, or a substitute for, other Swaps on the SEF operated by BSEF, BSEF may apply the same action to any such other Swaps.
- (e) If a Swap is fungible with, linked to or a substitute for a financial instrument trading on another trading venue, including any trading venue regulated by the SEC (a "**Linked Swap**"), and such other trading venue placed risk controls on such financial instrument, BSEF shall have the right to place similar risk controls on the Linked Swap.

CHAPTER 6. DISCIPLINARY RULES

RULE 601. General

- (a) Any Person is subject to this Chapter 6 if it is alleged to have violated, to have aided and abetted a violation, to be violating, or to be about to violate, any BSEF Rule or any provision of Applicable Law for which BSEF possesses disciplinary jurisdiction.
- (b) BSEF, through the Compliance Department, the Disciplinary Panel and the Appeals Panel, will conduct inquiries, investigations, disciplinary and appeals proceedings, summary impositions of fines, summary suspensions or other summary actions in accordance with this Chapter 6.
- (c) No SEF Official will interfere with or attempt to influence the process or resolution of any inquiry, investigation, disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary action. No Director will interfere with or attempt to influence the process or resolution of any inquiry, investigation, disciplinary or appeals proceeding and summary imposition of fines, summary suspension or other summary action, except to the extent provided under the BSEF Rules with respect to a proceeding in which the Director is a member of the relevant panel.
- (d) Any Participant, Account Manager, Authorized Trader, Account, Customer, Supervised Person or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF may be represented by counsel during any inquiry, investigation, disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary actions pursuant to this Chapter 6.
- (e) Pursuant to this Chapter 6, BSEF may hold a Participant liable for, and impose sanctions against such Participant, for such Participant's own acts and omissions that constitute a violation as well as for the acts and omissions of each (i) Authorized Trader of such Participant, (ii) Supervised Person of such Participant, (iii) other Person using the Trader ID or login credentials linked to the Participant or Participant ID, or (iv) other agent or representative of such Participant, in each case, that constitute a violation as if such violation were that of the Participant.
- (f) Pursuant to this Chapter 6, BSEF may hold an Authorized Trader liable for, and impose sanctions against him or her, for such Authorized Trader's own acts and omissions that constitute a violation as well as or for the acts and omissions of any other agent or representative of

such Authorized Trader that constitute a violation as if such violation were that of the Authorized Trader

(g) A Person subject to a disciplinary or appeals proceeding (and any counsel or representative of such Person) and the Compliance Department (and any counsel or representative of the Compliance Department including any Regulatory Services Provider) shall not knowingly make or cause to be made an ex parte communication relevant to the merits of a disciplinary or appeals proceeding to any member of the Disciplinary Panel or Appeals Panel hearing such proceeding. Members of a Disciplinary Panel or Appeals Panel shall not knowingly make or cause to be made an ex parte communication relevant to the merits of a disciplinary or appeals proceeding to any Person subject to such proceeding (and any counsel or representative of such Person) and the Compliance Department (and any counsel or representative of the Compliance Department including any Regulatory Services Provider). Any Person who receives, makes or learns of any communication which is prohibited by this Rule shall promptly give notice of such communication and any response thereto to the Compliance Department and all parties to the proceeding to which the communication relates. A Person shall not be deemed to have violated this Rule if the Person refuses an attempted communication concerning the merits of a proceeding as soon as it becomes apparent the communication concerns the merits.

RULE 602. Inquiries and Investigation

- (a) The Compliance Department, with the assistance of a Regulatory Services Provider, if necessary, will conduct inquiries and, if applicable, investigations with respect to any matter within BSEF's disciplinary jurisdiction of which it becomes aware or which the Commission requests BSEF to investigate. The Compliance Department will determine the nature and scope of its inquiries and investigations within its sole discretion and will function independently of any commercial interests of BSEF. The Compliance Department's investigation must be completed within 12 months of the date when the Compliance Department commenced its investigation unless there are mitigating factors that may reasonably justify an investigation taking longer than 12 months, including the complexity of the investigation, the number of Participants or individuals involved as potential wrongdoers, the number of potential violations to be investigated, and the volume of documents and data to be examined and analyzed by the Compliance Department.
 - (b) The Compliance Department has the authority to:
 - (i) initiate inquiries and investigations;
 - (ii) prepare investigation reports and provide recommendations concerning initiating disciplinary proceedings;
 - (iii) prosecute alleged violations if a disciplinary proceeding has been authorized; and
 - (iv) represent BSEF on appeals of a Disciplinary Panel decision, the summary imposition of fines, summary suspension or other summary action.
 - (c) Each Participant, Account Manager, Authorized Trader and Supervised Person:

- (i) is obligated to appear and testify and respond in Writing to requests for information within the time period required by the Compliance Department in connection with: (A) any BSEF Rule; (B) any inquiry or investigation; or (C) any preparation by and presentation during a disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary action by BSEF;
- (ii) is obligated to produce books, records, papers, documents or other tangible evidence in its, his or her possession, custody or control within the time period required by the Compliance Department in connection with: (A) any BSEF Rule; (B) any inquiry or investigation; or (C) any preparation by and presentation during a disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary action by BSEF; and
- (iii) may not impede or delay any inquiry, investigation, disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary action.

RULE 603. Investigative Reports

- (a) The Compliance Department will maintain a Written log of all inquiries and investigations and their disposition. The Compliance Department will prepare a Written report of each inquiry and investigation, regardless of whether the evidence gathered during any inquiry or investigation forms a reasonable basis to believe that a violation within BSEF's jurisdiction has occurred or is about to occur or whether the evidence gathered results in closing the matter without further action or through summary action.
- (b) Any such report prepared in accordance with Rule 603(a) will include (i) the reasons the inquiry or investigation was initiated; (ii) a summary of the complaint, if any; (iii) the relevant facts and evidence gathered; (iv) the Compliance Department's analysis, conclusions and recommendations; and (v) the Participant's disciplinary history at BSEF.
- (c) For each potential respondent, the Compliance Department will recommend either (i) closing the investigation without further action; (ii) resolving the investigation through an informal disposition; or (iii) initiating disciplinary proceedings.

RULE 604. Warning Letters

- (a) The Chief Compliance Officer may issue a warning letter without the approval of a Disciplinary Panel in order to close an inquiry or investigation administratively.
- (b) No more than one warning letter may be issued to the same Person or entity for the same Rule violation within a rolling 12-month period.
- (c) Warning letters must contain an affirmative finding that a Rule violation has occurred.

RULE 605. Review of Investigation Reports

- (a) The Chief Compliance Officer will timely review each proposed investigation report received from the Compliance Department to determine whether a reasonable basis exists for finding that a violation of BSEF Rules within BSEF's jurisdiction has occurred or is about to occur. Within 30 days of receipt of the investigation report the Chief Compliance Officer must take one of the following actions:
 - (i) If the Chief Compliance Officer determines that additional investigation or evidence is needed to decide whether a reasonable basis exists to find that a violation of BSEF Rules within BSEF's jurisdiction has occurred or is about to occur, the Chief Compliance Officer will promptly direct the Compliance Department to do at least one of the following:
 - (A) conduct further investigation; and/or
 - (B) gather any necessary new or additional information or evidence from the potential respondents.
 - (ii) The Compliance Department will revise the investigation report as necessary to reflect the additional information gathered pursuant to this paragraph (a) and will resubmit a revised proposed investigation report to the Chief Compliance Officer.
- (b) After receiving a completed investigation report, the Chief Compliance Officer will determine for each potential respondent whether to authorize:
 - (i) the commencement of disciplinary proceedings because a reasonable basis exists to believe that a violation BSEF Rules within the BSEF's jurisdiction has occurred or is about to occur and adjudication is warranted;
 - (ii) the informal disposition of the investigation because disciplinary proceedings are unwarranted, in which case the Chief Compliance Officer shall complete the investigation report in compliance with Rule 603; or
 - (iii) the closing of the investigation without any action because no reasonable basis exists to believe that a violation of BSEF Rules within the BSEF's jurisdiction has occurred or is about to occur in which case the Chief Compliance Officer shall complete the investigation report in compliance with Rule 603.

RULE 606. [Reserved]

RULE 607. Notice of Charges

- (a) If the Chief Compliance Officer authorizes disciplinary proceedings pursuant to Rule 605(b)(i), the Compliance Department will prepare, and serve in accordance with Rule 608, a Notice of Charges.
 - (b) A Notice of Charges will:

- (i) state the acts, practices or conduct that the respondent is alleged to have engaged in;
- (ii) state the BSEF Rule or provision of Applicable Law alleged to have been violated or about to be violated;
 - (iii) state the proposed sanctions;
 - (iv) advise the respondent of its right to a hearing;
- (v) state the period of time within which the respondent can request a hearing on the Notice of Charges, which will not be less than 20 days after service of the Notice of Charges;
- (vi) advise the respondent that any failure to request a hearing within the period stated, except for good cause, will be deemed to constitute a waiver of the right to a hearing;
- (vii) advise the respondent that any allegation in the Notice of Charges that is not expressly denied will be deemed to be admitted; and
- (viii) advise the respondent of its right to be represented by legal counsel or any other representative of its choosing (other than any member of the Disciplinary Panel or any Person substantially related to the disciplinary proceedings such as a material witness or other respondent) in all succeeding sages of the disciplinary process.

RULE 608. Service of Notice of Charges

Any Notice of Charges or other documents contemplated to be served pursuant to this Chapter 6 may be served (and service shall be deemed complete) upon the respondent either personally or by leaving the same at his or her place of business, or by tracked delivery via reputable overnight courier, or by deposit in the United States mail, postage prepaid, via registered or certified mail addressed to the respondent at the address as it appears on the books and records of BSEF.

RULE 609. Answer to Notice of Charges

- (a) If the respondent determines to answer a Notice of Charges, the respondent must file answers within 20 days after being served with such notice, or within such other time period determined appropriate by the Chief Compliance Officer.
 - (b) To answer a Notice of Charges, the respondent must in Writing:
 - (i) specify the allegations that the respondent denies or admits;
 - (ii) specify the allegations that the respondent does not have sufficient information to either deny or admit;
 - (iii) specify any specific facts that contradict the Notice of Charges;

- (iv) specify any affirmative defenses to the Notice of Charges; and
- (v) sign and serve the answer on the Chief Compliance Officer.
- (c) Any failure by the respondent to timely serve an answer to a Notice of Charges will be deemed to be an admission to the allegations in such notice. Any failure by the respondent to answer one or more allegations in a Notice of Charges will be deemed to be an admission of that allegation or those allegations. Any allegation in a Notice of Charges that the respondent fails to expressly deny will be deemed to be admitted. A statement of a lack of sufficient information shall have the effect of a denial of an allegation. A general denial by the respondent, without more, will not satisfy the requirements of paragraph (b) above.

RULE 610. Admission or Failure to Deny

- (a) If respondent admits or fails to deny any of the charges, the Chief Compliance Officer may find that the violations alleged in the Notice of Charges for which the respondent admitted or failed to deny any of the charges have been committed. The Chief Compliance Officer then must take the following action:
 - (i) impose a sanction for each violation found to have been committed; and
 - (ii) notify the respondent in Writing of any sanction to be imposed and advise the respondent that it may request a hearing on such sanction within a specified period of time.
- (b) If a respondent fails to request a hearing within 20 days as specified in the notice described in 610(a)(ii), the respondent will be deemed to have accepted the sanction and will have waived any right to appeal such sanctions.

RULE 611. Denial of Charges and Right to a Hearing

In every instance where a respondent has denied a charge, the respondent shall have a right to request a hearing before the Disciplinary Panel. Except for good cause, the hearing must be limited to only those denied charges for which a hearing has been requested.

RULE 612. Settlements

- (a) A respondent may at any time after the Notice of Charges has been served on the respondent but before disciplinary proceedings have concluded propose in Writing an offer of settlement to anticipated or instituted disciplinary proceedings. Any offer of settlement should contain proposed findings and sanctions and be signed by the respondent and submitted to the Chief Compliance Officer. A respondent may offer to settle disciplinary proceedings without admitting or denying the findings contained in the Notice of Charges but must accept the jurisdiction of BSEF over it and over the subject matter of the proceedings and consent to the entry of the findings and sanctions imposed.
- (b) If a respondent submits an offer of settlement in accordance with paragraph (a) of this Rule, the Chief Compliance Officer will forward the offer to the Disciplinary Panel with a

recommendation on whether to accept or reject the offer. The respondent may withdraw such offer of settlement at any time before acceptance by the Disciplinary Panel, but may not withdraw such offer at any time after acceptance by the Disciplinary Panel.

- (c) The Disciplinary Panel must review an offer of settlement within 90 Business Days after the receipt of the offer of settlement by the Chief Compliance Officer unless an extension was agreed by the respondent in Writing. The Disciplinary Panel may review the offer of settlement and determine whether to accept or reject the offer in person, by means of telephone conference or in Writing.
- (d) The Disciplinary Panel may accept the offer of settlement, but may not alter the terms of a settlement offer unless the respondent agrees.
- (e) If an offer of settlement is accepted by the Disciplinary Panel, it shall issue a Written decision specifying:
 - (i) the Rule violations it has reason to believe were committed, including the basis or reasons of its conclusions;
 - (ii) any sanction to be imposed, which must include full customer restitution where customer harm has been demonstrated;
 - (iii) if applicable, that the respondent has accepted the sanctions imposed without either admitting or denying the Rule violations.
- (f) In the event that the Disciplinary Panel accepts an offer of settlement without the agreement of the Compliance Department, the Written decision must adequately support such acceptance.
- (g) If an offer of settlement is accepted and the related Written decision becomes final, the respondent's submission of the offer will be deemed to constitute a waiver of the right to notice, opportunity for a hearing and review and appeal under these Rules.
- (h) If an offer of settlement of a respondent is not accepted by the Disciplinary Panel, fails to become final or is withdrawn by the respondent, the matter will proceed as if the offer had not been made and the offer and all documents relating to it will not become part of the record. Neither a respondent nor the Compliance Department may use an unaccepted offer of settlement as an admission or in any other manner at a hearing of disciplinary proceedings.

RULE 613. Disciplinary Panel

- (a) The Disciplinary Panel is responsible for adjudicating disciplinary cases pursuant to a Notice of Charges authorized by the Chief Compliance Officer.
- (b) Each Disciplinary Panel shall be composed of three individuals selected by the Chief Compliance Officer. Except in cases concerning the timely submission of accurate records, each Disciplinary Panel shall consist of at least one individual who would not be disqualified from serving as a Public Director, who shall chair the Disciplinary Panel. No member of the BSEF

Compliance Department or Person involved in adjudicating any other stage of a proceeding shall participate in a Disciplinary Panel for such proceeding.

(c) A respondent may seek to disqualify any individual on the Disciplinary Panel for the reasons identified in the BSEF Rules or for any other reasonable grounds, by serving Written notice on the Chief Compliance Officer. By not filing a request for disqualification within ten days, the respondent will be deemed to have waived any objection to the composition of a Disciplinary Panel. The Chief Compliance Officer of BSEF will decide the merits of any request for disqualification within his or her sole discretion. Any such decision will be final and not subject to appeal.

RULE 614. Convening Disciplinary Proceeding Hearings

- (a) All disciplinary proceedings (except for summary impositions of fines pursuant to Rule 621) will be conducted at a hearing before the Disciplinary Panel. A hearing will be conducted privately and confidentially. Notwithstanding the confidentiality of hearings, the Disciplinary Panel may appoint an expert to attend any hearing and assist in deliberations if such expert agrees to be subject to an appropriate confidentiality agreement.
- (b) After reasonable notice to each respondent, the Disciplinary Panel will promptly convene a hearing to conduct the disciplinary proceedings with respect to such respondent. Parties to a disciplinary proceeding include each respondent and the Compliance Department including BSEF enforcement staff.
- (c) The chairperson of the Disciplinary Panel may continue, adjourn or otherwise conduct the hearing, as he or she may deem appropriate. The chairperson of the Disciplinary Panel will determine all procedural and evidentiary matters, including the admissibility and relevance of any evidence proffered. In determining procedural and evidentiary matters, the chairperson of the Disciplinary Panel will not be bound by any evidentiary or procedural rules or law. Once admitted during the hearing, the Disciplinary Panel may consider, and attach the weight it believes appropriate to, evidence or other materials. The Chief Compliance Officer of BSEF, or its designee, will provide guidance to the chairperson of the Disciplinary Panel on the conduct of the hearing.
- (d) Except for procedural and evidentiary matters decided by the chairperson of the Disciplinary Panel pursuant to paragraph (c) above and Rule 616, unless each respondent otherwise consents, the entire Disciplinary Panel must be present during the entire hearing and any related deliberations.

RULE 615. Respondent Review of Evidence

(a) Prior to the commencement of a Disciplinary Panel hearing, each respondent will be given the opportunity to review all books, records, documents, papers, transcripts of testimony and other tangible evidence in the possession or under the control of BSEF that the Compliance Department will use to support the allegations and proposed sanctions in the Notice of Charges or

which the chairperson of the Disciplinary Panel deems relevant to the disciplinary proceedings. BSEF may withhold documents that:

- (i) are privileged or constitute attorney work product;
- (ii) were prepared by an employee of BSEF but will not be offered as evidence in the disciplinary proceedings;
- (iii) may disclose a technique or guideline used in examinations, investigations or enforcement proceedings; or
- (iv) disclose the identity of a confidential source.
- (b) If any books, records, documents, papers, transcripts of testimony, or other tangible evidence contain information that could adversely affect the competitive position of the Person providing the information or if such information might compromise other investigations being conducted by the Compliance Department, the Compliance Department may redact, edit or code such information before furnishing it to the respondent.
- (c) Notwithstanding anything in paragraph (b) above to the contrary, the Compliance Department:
 - (i) will not redact, edit or code competitive or investigative information contained in documents in a manner that would impair the respondent's ability to defend against the allegations or proposed sanctions in the notices of charges; and
 - (ii) will provide the respondent with access to the information and portions of the documents that the Compliance Department intends to rely on to support the allegations or proposed sanctions in the Notice of Charges.
- (d) For purposes of this Rule 615, information that could adversely affect the competitive position includes positions in Swaps currently held, trading strategies employed in establishing or liquidating positions, the identity of any Participant or Authorized Trader and the personal finances of the Person providing the information.

RULE 616. Conducting Disciplinary Proceeding Hearings

- (a) At a hearing conducted in connection with any disciplinary proceeding, the Compliance Department will present its case supporting the allegations and proposed sanctions in the Notice of Charges to the Disciplinary Panel. If a respondent has timely filed an answer to the Notice of Charges in accordance with Rule 609, the respondent is entitled to attend and participate in the hearing.
- (b) At a hearing conducted in connection with any disciplinary proceedings, the Disciplinary Panel or the Compliance Department and each respondent may:

- (i) present evidence and facts determined relevant and admissible by the chairperson of the Disciplinary Panel;
 - (ii) call and examine witnesses; and
 - (iii) cross-examine witnesses called by other parties.
- (c) Any Person within BSEF's jurisdiction who is called as a witness must participate in the hearing and produce evidence. BSEF will make reasonable efforts to secure the presence of all other Persons called as witnesses whose testimony would be relevant.
- (d) If the respondent fails to file an answer, has filed a general denial, or if any or all of the allegations in the Notice of Charges are not expressly denied in the respondent's answer, the chairperson of the Disciplinary Panel may limit evidence concerning any allegations not expressly denied in determining the sanctions to impose. If a respondent fails to file an answer but appears at the hearing, the respondent may not participate in the hearing (by calling or cross examining witnesses, testifying in defense, presenting evidence concerning the Notice of Charges, or otherwise) unless the Disciplinary Panel determines that the respondent had a compelling reason for failing to timely file an answer. If the Disciplinary Panel determines that the respondent had a compelling reason for failing to timely file an answer, the Hearing Disciplinary Panel will adjourn the hearing and direct the respondent to promptly file a Written answer in accordance with Rule 609.
- (e) Any Person entitled, or required or called upon, to attend a hearing before a Disciplinary Panel pursuant to paragraph (b)(ii) above will be given reasonable notice, confirmed in Writing, specifying the date, time and place of the hearing, and the caption of the disciplinary proceedings. BSEF will require all Participants (that are individuals), Customers, Account Managers, Authorized Traders and Supervised Persons that are called as witnesses to appear at the hearing and produce evidence. BSEF will make reasonable efforts to secure the presence of all other Persons called as witnesses whose testimony would be relevant.
- (f) If during any disciplinary proceedings the Disciplinary Panel determines that a reasonable basis exists to believe that the respondent violated or is about to violate a BSEF Rule or a provision of Applicable Law other than the violations alleged in the Notice of Charges, the Disciplinary Panel may consider those apparent violations after providing the respondent with an opportunity to answer the additional allegations in accordance with Rule 609. In connection with considering apparent violations pursuant to this paragraph (f), the Disciplinary Panel may request that the Compliance Department provide the Disciplinary Panel with any additional information.
- (g) The Disciplinary Panel may summarily impose sanctions on any Participant, Account Manager, Authorized Trader or Supervised Person that impedes or delays the progress of a hearing.
- (h) BSEF will arrange for any hearing conducted in connection with disciplinary proceedings to be recorded hearing verbatim, or substantially verbatim, in a manner capable of accurate transcription. If the respondent requests a copy of all or portions of the recording of a

hearing, the chairperson of the Disciplinary Panel may within his or her sole discretion order the respondent to pay the costs for transcribing the recording of the hearing.

- (i) As promptly as reasonable following a hearing, the Disciplinary Panel will issue a Written decision rendering its decision based on the weight of the evidence contained in the record of the disciplinary proceedings. A decision by a majority of the Disciplinary Panel will constitute the decision of the Disciplinary Panel.
 - (j) No interlocutory appeals of rulings of any Disciplinary Panel are permitted.
- (k) If the respondent has requested a hearing, a copy of the hearing shall be made and shall become a part of the record of the proceeding. The record shall not be required to be transcribed unless:
 - (i) the transcript is requested by Commission staff or the respondent;
 - (ii) the decision is appealed pursuant to the BSEF Rules; or
 - (iii) the decision is reviewed by the Commission pursuant to section 8c of the Act or Part 9 of CFTC Regulations.

In all other instances, a summary record of a hearing is permitted.

RULE 617. Decision of Disciplinary Panel

- (a) The Disciplinary Panel's Written decision must be based upon the weight of the evidence contained in the record of the proceeding and shall provide a copy to the respondent. The decision shall include:
 - (i) the Notice of Charges or a summary of the charges;
 - (ii) the answer, if any, or a summary of the answer;
 - (iii) a summary of the evidence produced at the hearing or, where appropriate, incorporation by reference of the investigation report;
 - (iv) a statement of findings and conclusions with respect to each charge, and a complete explanation of the evidentiary and other basis for such findings and conclusions with respect to each charge;
 - (v) an indication of each specific Rule that the respondent was found to have violated; and
 - (vi) a declaration of all sanctions imposed against the respondent, including the basis for such sanctions and the effective date of such sanctions.
- (b) The Written decision will become final 20 days after it is served on the respondent and a copy thereof is provided to the Compliance Department.

RULE 618. Sanctions

(a) After notice and opportunity for hearing in accordance with the BSEF Rules, BSEF will impose sanctions if any Participant, Account Manager, Authorized Trader, Supervised Person or other Person using any Trader ID or login credentials linked to the Participant is found to have violated or to have attempted to violate a BSEF Rule or provision of Applicable Law for which BSEF possesses disciplinary jurisdiction. Subject to the limitations set forth in Rule 618(b), BSEF may impose one or more of the following sanctions or remedies: (i) censure; (ii) limitation on Trading Privileges, Trading Access or other activities, functions or operations; (iii) suspension of Trading Privileges or Trading Access; (iv) fine (subject to paragraph (b) below); (v) disgorgement; (vi) termination of Trading Privileges or Trading Access; (vii) in the event of a customer harm, full customer restitution, except where the amount of restitution or to whom it should be provided cannot reasonably be determined; or (viii) any other sanction or remedy deemed to be appropriate. All sanctions, including those imposed pursuant to an accepted settlement offer, shall take into account respondent's disciplinary history.

For purposes of Rule 618(a)(vii), "customer" shall have the meaning set forth in CFTC Regulation 1.3(k).

(b) BSEF may impose a fine of up to \$100,000 for each violation of a BSEF Rule. If a fine or other amount is not paid within 30 days of the date that it becomes payable, then interest will accrue on the sum from the date that it became payable at the quoted prime rate plus three percent. BSEF has sole discretion to select the bank on whose quotations to base the prime rate. Each Participant will be responsible for paying any fine or other amount imposed on, but not paid by, any of its Authorized Traders, Account Managers or Supervised Persons. The following schedule lists the recommended fines that BSEF may impose:

Type of Violation	Fine Per Occurrence ¹		
	First	Second	Third
	Violation	Violation	Violation
Failure to provide information to BSEF as required by the	\$1000	\$1500	\$2500
BSEF Rules			
Impeding or delaying a BSEF examination, inquiry or	\$1000	\$1500	\$2500
investigation undertaken pursuant to BSEF Rule 402			

RULE 619. Costs

(a) Regardless of the outcome of any disciplinary proceeding, the Disciplinary Panel may order a respondent to pay some or all of the costs associated with the disciplinary proceedings that the Disciplinary Panel believes were unnecessarily caused by the respondent. Costs may include costs associated with the inquiry or investigation, the prosecution by the Compliance Department, legal and professional assistance, as well as the hearing and administrative costs and other expenses incurred by the Disciplinary Panel.

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¹ Within a "rolling" 12-month period.

- (b) The Disciplinary Panel may only award costs against BSEF if the Panel concludes that BSEF has behaved in a manifestly unreasonable manner in the commencement or conduct of the disciplinary proceedings in question. The Disciplinary Panel must limit any award of costs against BSEF to an amount that the Panel concludes is reasonable and appropriate, but does not exceed the respondent's costs for external legal or other external professional assistance.
- (c) The Disciplinary Panel may determine the amounts and allocation of costs in any manner it may deem appropriate. BSEF or the respondent will pay any costs ordered to be paid by it by the Disciplinary Panel within 30 days of Written notice of the amount imposed by the Disciplinary Panel.

RULE 620. Right to Appeal Disciplinary Panel Decision, Summary Impositions of Fines and Other Summary Actions

- (a) Each respondent found by the Disciplinary Panel to have violated (or, in the case of a Participant, whose Authorized Trader, Supervised Person or other Person using its Participant ID was found to have violated) a Rule or who is subject to termination or limitation of Trading Privileges or Trading Access imposed pursuant to Rule 305, any summary fine imposed pursuant to Rule 621 or any summary action imposed pursuant to Rule 622 may appeal the decision within 20 days of receiving the Written decision of the Disciplinary Panel or the notice of summary action, as the case may be, by filing a notice of appeal with the Chief Compliance Officer.
- (b) BSEF may appeal all or any part of a decision of the Disciplinary Panel, including any sanctions that may or may not have been imposed by the Disciplinary Panel, within 20 days of receiving the Written Decision of the Disciplinary Panel, by filing a notice of appeal with the Chief Compliance Officer.
- (c) While an appeal is pending, the effect of the Written decision of the Disciplinary Panel or the summary action (including any sanctions, remedies or costs imposed thereby) shall be suspended.
- (d) The notice of appeal must state in writing the grounds for appeal, including the findings of fact, conclusions or sanctions to which the appellant objects. An appellant may appeal the Written decision of the Disciplinary Panel or any summary action on the grounds that:
 - (i) the Written decision or summary action was arbitrary, capricious, an abuse of discretion, or not in accordance with these Rules;
 - (ii) the Written decision or summary action exceeded the authority or jurisdiction of the Disciplinary Panel, the Chief Compliance Officer or BSEF;
 - (iii) the Written decision or summary action failed to observe required procedures;
 - (iv) the Written decision or summary action was unsupported by the facts or evidence; or

- (v) the sanctions, remedies or costs which were imposed were inappropriate or unsupported by the record.
- (e) The Chief Compliance Officer will forward copies of any notice of appeal received by it to all parties to the disciplinary proceeding or summary action, as the case may be, except the appellant. On or before the 20th day after filing a notice of appeal, the appellant must file with the Chief Compliance Officer and serve on BSEF a brief supporting the notice of appeal and documents supporting the brief. On or before the 20th day after the date on which the appellant serves its supporting brief, the appellee must file and serve its brief in opposition. On or before the 10th day after the date on which the appellee serves its brief in opposition, the appellant must file and serve on BSEF a brief in reply.
- (f) In connection with any appeal, BSEF will furnish to the Chief Compliance Officer and to the respondent/appellant a transcript of the hearing, any exhibits introduced at the hearing, the notice of appeal and briefs filed to support and oppose the appeal.
- (g) No later than 30 days after the last submission filed pursuant to paragraph (e) of this Rule 620, the Chief Compliance Officer will appoint an Appeals Panel to consider and determine the appeal. An Appeals Panel shall be comprised of three individuals, none of whom shall be a member of the Compliance Department or have been a member of any Disciplinary Panel involved in the matters on appeal. The chairperson of the Appeals Panel shall be an individual who would not be disqualified from serving as a Public Director.
- (h) Within 10 days of being notified of the appointment of the Appeals Panel, an appellant or appellee may seek to disqualify any individual named to the Appeals Panel for the reasons identified in these Rules, by serving Written notice on the Chief Compliance Officer. By not timely filing a request for disqualification, the appellant or appellee will be deemed to have waived any objection to the composition of the Appeals Panel. The Chief Compliance Officer will decide the merits of any request for disqualification within his or her sole discretion. Any such decision will be final and not subject to appeal.
- (i) The Appeals Panel may hold a hearing to allow parties to present oral arguments. Any hearing will be conducted privately and confidentially. Notwithstanding the confidentiality of hearings, the Appeals Panel may appoint an expert to attend any hearing and assist in the deliberations if such individual(s) agree to be subject to appropriate confidentiality agreements. In determining procedural and evidentiary matters, the Appeals Panel will not be bound by evidentiary or procedural rules or law.
- (j) The Appeals Panel will only consider on appeal the record before the Disciplinary Panel or, in the case of a summary action, the record considered by the Chief Compliance Officer, the notice of appeal, the briefs filed in support and opposition of the appeal, and any oral arguments of the parties. The Appeals Panel may only consider new evidence when the Appeals Panel is satisfied that good cause exists for why the evidence was not introduced during the disciplinary proceeding or when imposing the summary action.
- (k) After completing its review, the Appeals Panel may affirm, modify or reverse any Written decision of the Disciplinary Panel or summary action under appeal, in whole or in part,

including increasing, decreasing or eliminating any sanction or remedy imposed, imposing any other sanction or remedy authorized by these Rules, or remanding the matter to the same or a different Disciplinary Panel for further disciplinary proceedings or for reconsideration by the Chief Compliance Officer in the case of summary action. The Appeals Panel may order a new hearing for good cause or if the Appeals Panel deems it appropriate.

- (l) As promptly as reasonably possible following its review, the Appeals Panel will issue a Written decision on appeal rendering its decision based on the preponderance of the evidence before the Appeals Panel. The decision of the Appeals Panel will include a statement of findings of fact and conclusions for each finding, sanction, remedy and cost reviewed on appeal, including each specific Rule and provision of Applicable Law that the respondent is found to have violated, if any, and the imposition of sanctions, remedies and costs, if any, and the effective date of each sanction, remedy or cost.
- (m) The Appeals Panel's Written order on appeal (including findings of fact and conclusions and the imposition of sanctions, remedies and costs, and the effective date of any sanction, remedy cost) will be the final action of BSEF and will not be subject to appeal within BSEF.

RULE 621. Summary Imposition of Fines

- (a) The Chief Compliance Officer may summarily impose a fine against a Participant (on behalf of the Participant or any of its Authorized Traders, Account Managers, Supervised Persons or other Persons using any Trader IDs) for failing:
 - (i) to make timely payments of fees, cost, charges or fines to BSEF;
 - (ii) to make timely and accurate submissions to BSEF of notices, reports or other information required by the BSEF Rules; or
 - (iii) to keep any books and records required by the BSEF Rules.
- (b) The Compliance Department, acting on behalf of the Chief Compliance Officer, will give notice of any fine imposed pursuant to this Rule 621 to each Participant subject thereto. The notice will specify (i) the violations of the BSEF Rules for which the fine is being imposed, (ii) the date of the violation for which the fine is being imposed and (iii) the amount of the fine. Within 20 days of serving the notice of fine, the Participant must either pay or cause the payment of the fine. The fine will become final upon the expiration of 20 days after the notice of fine is served on the Participant.
- (c) BSEF will set the amount of any fines imposed pursuant to this Rule 621, with the maximum fine for each violation not to exceed \$5,000. Summary imposition of fines pursuant to this Rule 621 will not preclude BSEF from bringing any other action against the Participant (or any of its Account Managers, Authorized Traders or Supervised Persons) or Authorized Trader, as the case may be. The following schedule lists the recommended summary fines that BSEF or the Chief Compliance Officer may impose:

Type of Violation	Fine Per Occurrence ²		
	First	Second	Third
	Violation	Violation	Violation
Failure to maintain complete and accurate books and	\$1000	\$1500	\$2500
records as required by BSEF Rule 409.B			
Failure to provide any disclosure required by BSEF Rule	\$1000	\$1250	\$1500
402			
Failure to identify and maintain a current list of	\$1000	\$1250	\$1500
Authorized Traders as required by BSEF Rule 530			
Violation of Order entry requirements pursuant to Rule	\$1250	\$1500	\$1750
524, including failure to provide an accurate Legal Entity			
Identifier			
Violation of Trade reporting requirements	\$1250	\$1500	\$1750
Violation of the requirements to timely report a block	\$1250	\$1500	\$1750
trade pursuant to Rule 531.A(d)			

RULE 622. Hearings Involving BSEF-Affiliated Trading Entities

- (a) No BSEF employee that is also an employee of an affiliate of BSEF that engages in trading activity shall perform an investigation of such affiliated trading entity.
- (b) In the event that a Disciplinary Panel is convened for a hearing involving an affiliated trading entity, no Person associated with BSEF or such affiliated trading entity shall be a member of such Disciplinary Panel.
- (c) The Board must approve the issuance of disciplinary charges and acceptance of settlement offers involving an affiliated trading entity.

RULE 623. [Reserved]

RULE 624. Notice to the Respondent, the Regulatory Services Provider and the Public

BSEF will provide Written notice of disciplinary proceedings to the parties consistent with applicable CFTC Regulations. Whenever BSEF suspends, expels, fines or otherwise disciplines, or denies any Person access, to BSEF, BSEF will make the disclosures required by CFTC Regulations.

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² Within a "rolling" 12-month period.

CHAPTER 7. ARBITRATION

RULE 701. General

- (a) Except as otherwise provided in these Rules, Participants, Authorized Traders and any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF shall submit to the NFA for arbitration all disputes, controversies and claims between or among themselves arising out of a Swap or the use of the systems or services of BSEF or the services, equipment, or facilities used to support such systems or services, including the SEF Platform and the SEF operated by BSEF (each, a "Dispute"). Any such claim against a Participant shall be brought within two years from the time that a cause of action has accrued. This Rule 701 shall in no way be construed to create a cause of action and shall not authorize an action that would otherwise be prohibited by these Rules or Applicable Law. In the event that this Rule 701 is held to be unenforceable in connection with any Dispute or a claim is deemed by a court of competent jurisdiction to be not arbitrable, (i) exclusive jurisdiction for any such Dispute will reside in any state or federal court sitting in New York County, New York, (ii) the Participants involved in the Dispute will be presumed to have submitted to the personal jurisdiction of any such court, and (iii) an action to enforce any judgment or decision of such court may be brought in the same court or in any other court with jurisdiction or venue. Finally, all Participants unconditionally and irrevocably waive any and all right to trial by jury in connection with any such Dispute.
- (b) Notwithstanding the foregoing, this Rule 701 does not apply to Disputes between Participants, Authorized Traders or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF that: (i) such Persons are required by the Rules of a Self-Regulatory Organization to submit to the Dispute resolution procedures of that Self-Regulatory Organization; or (ii) such Persons have, by valid and binding agreement, committed to negotiate or litigate in a forum other than the forum set out in Rule 702.

RULE 702. Forum and Arbitration Rules

NFA will conduct any and all arbitrations of a type described in Rule 701 pursuant to NFA's Member Arbitration Rules, as if each Participant or Authorized Trader to such arbitration was an "NFA Member".

RULE 703. Initiating an Arbitration Claim

- (a) A Participant or Authorized Trader may initiate an arbitration claim by submitting the required documents and fees to NFA.
- (b) A Participant or Authorized Trader submitting an arbitration claim shall provide notice of such claim to BSEF.

RULE 704. Claims Relating to Trade Cancelations or Price Adjustments

All claims relating to Trade cancelations pursuant to Rule 516 shall be arbitrated in accordance with this Chapter 7.

RULE 705. Penalties

- (a) Any failure on the part of any Participant or Authorized Trader to arbitrate a case subject to arbitration, or the commencement by any such Participant or its Person of a suit in any court prior to arbitrating a case subject to arbitration, violates these Rules and subjects such Person to disciplinary proceedings pursuant to Chapter 6.
- (b) BSEF may summarily suspend, pursuant to Chapter 6, a Participant or Authorized Trader that fails to satisfy an arbitration award rendered in any arbitration conducted pursuant to this Chapter 7.

CHAPTER 8. MISCELLANEOUS

RULE 801. Anti-Money Laundering and Anti-Terrorism

- (a) It is SEF policy: (1) Not to engage in or knowingly assist any money laundering or other illicit business, and (2) Not to engage in or knowingly assist, or be a conduit for, terrorist financing.
- (b) Participants will be required to provide sufficient information for Participants and their Accounts, if applicable, for SEF to complete "know your customer" checks and to conduct restricted list searches, including searches against the Specially Designated Nationals and Blocked Persons list maintained by the Office of Foreign Assets Control of the U.S. Department of the Treasury.

RULE 802. Gifts and Gratuities

Except as permitted in Writing by the Chief Compliance Officer, no Participant or Authorized Trader shall, directly or indirectly, give or permit to be given anything of value (including gratuities) to a SEF Official or BSEF, including any agents or independent contractors of BSEF. A gift of any kind is considered a gratuity.

RULE 803. Market Data

- (a) Subject to each Participant's rights in Participant's own data (and the data of its Accounts and Customers) as set forth in the Participant Documentation, BSEF shall own all rights, title and interest, database rights and trade secret rights in and to all data and other information contained in, displayed on, generated by or derived from the SEF Platform or the SEF operated by BSEF or Trades entered into pursuant to the BSEF Rules, including Orders, prices and volumes ("SEF Data").
- (b) Participants and Authorized Traders shall not, and shall cause their Affiliates, Accounts and Customers not to, distribute, sell or retransmit SEF Data or other information obtained via the SEF operated by BSEF, provided that any such restrictions shall not apply to Participant's own data (and the data of its Accounts and Customers).

- (c) BSEF may at any time restrict or establish utilization fees in respect of SEF Data and/or the format and presentation thereof with respect to Participants, Customers or Accounts, provided that any such fees shall not apply to Participants' use of Participant's own data (and the data of its Accounts and Customers).
- (d) Subject to Rule 805, BSEF may make SEF Data and other information it may deem appropriate available to Participants and other Persons at such times and in such manner (whether through the SEF Platform, a ticker, financial information services or otherwise) as it may consider necessary or advisable from time to time. Each Participant or other Person receiving any such information through the SEF operated by BSEF may redistribute such information only to such extent and in such manner as may be permitted by BSEF from time to time.

RULE 804. Prohibited Use of Data Collected for Regulatory Purposes

BSEF shall not use for business or marketing purposes any proprietary data or personal information it collects or receives, from or on behalf of any person, for the purpose of fulfilling its regulatory obligations; provided, however, that BSEF may use such data or information for business or marketing purposes if the Person from whom it collects or receives such data or information clearly consents in Writing to BSEF's use of such data or information in such manner. BSEF shall not condition access to its market(s) or market services on a Person's consent to BSEF's use of proprietary data or personal information for business or marketing purposes. BSEF, where necessary for regulatory purposes, may share such data or information with one or more SEFs or DCMs registered with the CFTC.

RULE 805. Confidentiality

- (a) All non-public information provided by a Participant or Authorized Trader to BSEF shall be held in confidence and shall not be made known to any other Person except as follows:
 - (i) with the consent of the Participant or Authorized Trader providing such information;
 - (ii) to a Governmental Body if BSEF is requested or legally required to do so by such Governmental Body;
 - (iii) pursuant to a lawful discovery request;
 - (iv) to a Derivatives Clearing Organization of which such Participant is a member or in connection with the clearing of a Swap;
 - (v) to a Swap Data Repository;
 - (vi) subject to appropriate confidentiality requirements, to any Person providing services to BSEF, including the Regulatory Services Provider;

- (vii) pursuant to an information sharing agreement or other arrangement or procedures in accordance with Rule 213;
- (viii) subject to appropriate confidentiality requirements, to BSEF employees, the Board, Board committees, Disciplinary Panels, Appeals Panels, BSEF Officers, attorneys, auditors, and agents, independent contractors or other Persons that have been engaged by BSEF, in each case, who require such information in connection with the discharge of their duties to BSEF; and
 - (ix) as otherwise permitted under these Rules.
- (b) All information and data obtained or received by BSEF from inspections of accounting and other records will be treated as confidential by BSEF; however, this Rule does not supplant Rule 212 (Emergency Rules) and the Rules in Chapter 6 (Disciplinary Rules), or any other requirement of legal process or law.

RULE 806. Extension or Waiver of BSEF Rules

If necessary and expedient, the Chief Compliance Officer may, in its sole discretion, waive, or extend the time period for performing, any act or acts designated by the BSEF Rules, but only to the extent such waiver or extension is not inconsistent with the CEA or the CFTC Regulations or other applicable regulations.

RULE 807. Effect of Amendment, Repeal or New Rule

- (a) If an amendment or repeal of a BSEF Rule or adoption of a new BSEF Rule does not materially change the terms or conditions of a Swap and does not affect the value of open Swaps, then the effective date of any amendment or repeal of a Rule or adoption of a new Rule relating to Swaps is binding on all Swaps entered into before and after the effective date of such amendment, repeal or adoption and, to the extent applicable, before the effective date of such amendment, repeal or adoption.
- (b) If an amendment or repeal of a BSEF Rule or adoption of a new Rule materially changes the terms or conditions of an open Swap or affects the value of open Swaps, then the amendment, repeal or new BSEF Rule shall not affect any open Swaps and shall be binding only on new Swaps listed for trading after the effective date of such amendment, repeal or adoption, and Swaps listed as of the effective date of such amendment, repeal or adoption with no open positions then in existence, unless otherwise specifically provided by the Board.

RULE 808. Swap Contract Specifications

(a) BSEF shall permit trading only in Swaps that are not readily susceptible to manipulation. To demonstrate to the CFTC compliance with the requirements of this Rule 808(a), BSEF shall, at the time it submits a new Swap in advance to the CFTC pursuant to Part 40 of the CFTC Regulations, provide the applicable information as set forth in Appendix C to Part 38 of the CFTC Regulations – Demonstration of Compliance That a Contract is not Readily Susceptible to Manipulation.

- (b) Notwithstanding any provision of the BSEF Rules to the contrary, the Swap Specification with respect to a particular Swap shall govern the applicability of the BSEF Rules to trading in such Swap and, in the event of any conflict between the BSEF Rules and the Swap Specification, the Swap Specification shall govern with respect to trading in the relevant Swap.
 - (c) The Swap Specification for each individual Swap may specify:
 - (i) different classes of Participants eligible to trade such Swaps. Each such class of Participants shall have the rights and obligations specified by the Swap Specification for each such Swap;
 - (ii) whether such Swap may be settled via cash settlement, physical delivery of the underlying commodity, or by any other means, as applicable; and
 - (iii) the method for determining settlement prices.
 - (d) Each Swap contract will be published by BSEF on its website.
- (e) Swap Specifications are incorporated into the Rulebook by reference and each Swap Specification shall constitute a BSEF Rule.

RULE 809. Timely Publication of Trading Information

BSEF will publish trading information as required by Core Principle 9 of Part 37, and by Part 16, of the CFTC Regulations.

RULE 810. Governing Law, Jurisdiction and Dispute Resolution

- (a) Unless preempted by the Act, the law of the State of New York governs the BSEF Rules and any Participant Documentation regardless of the laws that would otherwise apply under choice-of-law principles. If a Participant provides an opinion of a counsel (i) stating that the Participant cannot be subject to the law of the State of New York and must be subject to the law of the jurisdiction of the location where the Participant is organized (the "Local Law") and (ii) enumerating specific provisions of these Rules or the Participant Documentation that must be subject to the Local Law, BSEF will specify the application of the Local Law to the enumerated specific provisions of these Rules and the Participant Documentation; provided, however, that in no event shall Local Law supersede any provision of the Act.
- (b) Any dispute between BSEF and a Participant or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF arising from or in connection with the BSEF Rules or use of the SEF operated by BSEF must be brought to arbitration pursuant to subsection (c) of this Rule 810 within one (1) year from the occurrence of the event giving rise to the dispute. This Rule 810 shall in no way create a cause of action nor authorize an action that would otherwise be prohibited by the BSEF Rules.

Any dispute between BSEF and a Participant or any market participant that directly (c) or indirectly effects a transaction on the SEF operated by BSEF arising from or in connection with the BSEF Rules will be settled by arbitration administered in New York County, New York by the American Arbitration Association (the "AAA") under its Commercial Arbitration Rules. The dispute will be submitted to one arbitrator who will be appointed by the AAA. Any arbitrator appointed for purposes of this Rule 810 will have experience with and knowledge of commodities, derivatives and Swaps as listed on the National Roster of Arbitrators kept in the AAA's records. Judgment on the award rendered by the arbitrator will be binding on the parties and may be entered in any state or federal court sitting in New York County, New York, and BSEF and each Participant shall be deemed to have consented to the personal jurisdiction of any such court. Each party to the dispute will bear its own costs and expenses in connection with any arbitration hereunder, as well as an equal share of the administrative fees and the fees of the arbitrator; provided, however, that the arbitrator will be entitled to include in any award a full reimbursement for the prevailing party's costs and expenses, such party's share of the administrative fees and the fees of the arbitrator, or any combination of any or all of the above. In the event that this Rule 810 is held to be unenforceable in connection with any dispute or a claim is deemed by a court of competent jurisdiction to be not arbitrable, (i) exclusive jurisdiction for any such dispute will reside in any state or federal court sitting in New York County, New York, (ii) BSEF and the Participant involved in the dispute will be presumed to have submitted to the personal jurisdiction of any such court, and (iii) an action to enforce any judgment or decision of such court may be brought in the same court or in any other court with jurisdiction or venue. Finally, all Participants unconditionally and irrevocably waive any and all right to trial by jury in connection with any such dispute.

CHAPTER 9. LIMITATION OF LIABILITY, NO WARRANTIES

RULE 901. LIMITATION OF LIABILITY, NO WARRANTIES

- (a) NONE OF BSEF, ITS AFFILIATES OR ANY CONTRACTORS AND SUB-CONTRACTORS PROVIDING SERVICES RELATED TO BSEF OR THE SEF OPERATED BY BSEF, NOR ANY OF THEIR RESPECTIVE SUCCESSORS OR ASSIGNS, DIRECTORS, OFFICERS, EMPLOYEES, AGENTS, PARTNERS, CONSULTANTS, OR LICENSORS (EACH, A "DISCLAIMING PARTY") SHALL BE LIABLE TO ANY PERSON (INCLUDING ANY PARTICIPANT, AUTHORIZED TRADER, SUPERVISED PERSON, ACCOUNT, CUSTOMER OR ANY MARKET PARTICIPANT THAT DIRECTLY OR INDIRECTLY EFFECTS A TRANSACTION ON THE SEF OPERATED BY BSEF) FOR ANY LOSSES, DAMAGES, COSTS OR EXPENSES (INCLUDING LOSS OF PROFITS, LOSS OF USE, AND DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES), ARISING FROM:
 - (i) ANY FAILURE, MALFUNCTION, FAULT IN DELIVERY, DELAY, OMISSION, SUSPENSION, INACCURACY, INTERRUPTION, TERMINATION, OR ANY OTHER EVENT, IN CONNECTION WITH THE FURNISHING, PERFORMANCE, OPERATION, MAINTENANCE, USE OF OR INABILITY TO USE ALL OR ANY PART OF ANY OF THE SEF OPERATED BY BSEF, SEF PLATFORM OR SERVICES OF THE DISCLAIMING PARTY, OR SERVICES, EQUIPMENT OR

FACILITIES USED TO SUPPORT SUCH SEF OPERATED BY BSEF, SEF PLATFORM OR SERVICES, INCLUDING ELECTRONIC ORDER ENTRY/DELIVERY, TRADING THROUGH ANY ELECTRONIC MEANS, ELECTRONIC COMMUNICATION OF MARKET DATA, SEF DATA OR INFORMATION, WORKSTATIONS USED BY PARTICIPANTS, AUTHORIZED TRADERS, SUPERVISED PERSONS, ACCOUNTS OR CUSTOMERS, PRICE REPORTING SYSTEMS AND ANY AND ALL COMMUNICATIONS NETWORKS, SOFTWARE AND HARDWARE RELATING THERETO;

- (ii) ANY FAILURE, MALFUNCTION, FAULT IN DELIVERY, DELAY, OMISSION, SUSPENSION, INACCURACY, INTERRUPTION OR TERMINATION, OR ANY OTHER EVENT, OF THE SEF PLATFORM OR ANY SERVICES OF A DISCLAIMING PARTY, OR SERVICES, EQUIPMENT OR FACILITIES USED TO SUPPORT SUCH TRADING SYSTEMS OR SERVICES, CAUSED BY ANY THIRD PARTIES INCLUDING INDEPENDENT SOFTWARE VENDORS OR NETWORK PROVIDERS;
- (iii) ANY ERRORS OR INACCURACIES IN INFORMATION PROVIDED BY THE DISCLAIMING PARTY OR IN ANY OF THE DISCLAIMING PARTY'S SYSTEMS, SERVICES, EQUIPMENT OR FACILITIES;
- (iv) ANY UNAUTHORIZED ACCESS TO OR UNAUTHORIZED USE OF ANY OF THE DISCLAIMING PARTY'S SYSTEMS, SERVICES, EQUIPMENT OR FACILITIES BY ANY PERSON.

THE FOREGOING LIMITATION OF LIABILITY SHALL APPLY WHETHER A CLAIM ARISES IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, CONTRIBUTION OR OTHERWISE AND WHETHER THE CLAIM IS BROUGHT DIRECTLY OR AS A THIRD PARTY CLAIM.

- (b) NOTWITHSTANDING SUBSECTION (a), (c) or (f) OF THIS RULE 901, IN NO EVENT SHALL ANY AFFILIATE OF BSEF ACTING AS SEF PLATFORM TECHNOLOGY SERVICES PROVIDER BE LIABLE TO ANY PERSON NOR SHALL ANY PERSON BRING ANY LEGAL ACTION (WHETHER IN TORT, NEGLIGENCE, OR BREACH OF CONTRACT) FOR ANY LOSSES, DAMAGES, COSTS OR EXPENSES INCLUDING LOSS OF PROFITS, LOSS OF USE, DIRECT, SPECIAL, PUNITIVE, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THE SEF OPERATED BY BSEF OR SEF PLATFORM.
- (c) WITHOUT LIMITING BSEF'S INDEMNIFICATION OBLIGATION UNDER RULE 902, THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OR REPRESENTATIONS (INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR USE) PROVIDED BY ANY DISCLAIMING PARTY RELATING TO ANY SYSTEMS OR SERVICES OF ANY DISCLAIMING PARTY OR SERVICES, EQUIPMENT OR FACILITIES USED TO SUPPORT SUCH SYSTEMS OR SERVICES.

- ANY DISPUTE ARISING OUT OF THE USE OF SYSTEMS OR SERVICES OF (d) ANY DISCLAIMING PARTY OR SERVICES, EQUIPMENT, OR FACILITIES USED TO SUPPORT SUCH SYSTEMS OR SERVICES IN WHICH THE DISCLAIMING PARTY OR DISCLAIMING PARTIES IS A PARTY SHALL BE SUBJECT TO ARBITRATION AS PROVIDED IN RULE 810(c) AS IF THE DISCLAIMING PARTY WERE BSEF AND THE OPPOSITE PARTY OR PARTIES WERE A PARTICIPANT. ANY ACTIONS, SUITS OR PROCEEDINGS BROUGHT AGAINST ANY DISCLAIMING PARTY MUST BE BROUGHT WITHIN ONE YEAR FROM THE TIME THAT A CAUSE OF ACTION HAS ACCRUED. THIS PARAGRAPH (d) SHALL IN NO WAY BE CONSTRUED TO LIMIT A PARTY'S OBLIGATION TO ARBITRATE ITS CLAIM OR TO CREATE A CAUSE OF ACTION (OR MODIFY THE LIMITATION ON ACTIONS PROVIDED IN RULE 901(a)) AND SHALL NOT AUTHORIZE AN ACTION THAT WOULD OTHERWISE BE PROHIBITED BY THE BSEF RULES. IF FOR ANY REASON, A COURT OF COMPETENT JURISDICTION FINDS THAT A DISPUTE IS NOT ARBITRABLE, SUCH DISPUTE SHALL BE SUBJECT TO THE JURISDICTION OF EACH OF THE FEDERAL AND STATE COURTS LOCATED IN NEW YORK COUNTY, NEW YORK IN CONNECTION WITH ANY MATTERS ARISING OUT OF THIS RULEBOOK AND NO PARTY TO SUCH DISPUTE MAY ASSERT A DEFENSE OF FORUM NON CONVENIENS, SOVEREIGN IMMUNITY, ACT OF STATE OR ANALOGOUS DOCTRINES IN CONNECTION WITH ANY ACTION.
- (e) TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE TOTAL COMBINED AGGREGATE LIABILITY OF BSEF SHALL NOT EXCEED (i) \$20,000 FOR ALL LOSSES AND CLAIMS FROM ALL CAUSES SUFFERED ON A SINGLE DAY, (ii) \$100,000 FOR ALL LOSSES AND CLAIMS FROM ALL CAUSES SUFFERED IN A SINGLE CALENDAR MONTH; AND (iii) \$1,000,000 FOR ALL LOSSES AND CLAIMS FROM ALL CAUSES SUFFERED IN A SINGLE CALENDAR YEAR. ANY DISPUTED CLAIM PURSUANT TO THIS PARAGRAPH (e) SHALL BE SUBJECT TO ARBITRATION TO THE EXTENT PROVIDED IN RULE 810(c).

IN NO EVENT SHALL TOTAL COMBINED AGGREGATE LIABILITY OF BSEF FOR ALL CLAIMS AND CLAIMS AGAINST DISCLAIMING PARTIES ARISING OUT OF ANY FAILURES, MALFUNCTIONS, FAULTS IN DELIVERY, DELAYS, OMISSIONS, SUSPENSIONS, INACCURACIES, INTERRUPTIONS, TERMINATIONS, OR ANY OTHER CAUSES, IN CONNECTION WITH THE FURNISHING, PERFORMANCE, OPERATION, MAINTENANCE, USE OF OR INABILITY TO USE ALL OR ANY PART OF ANY OF THE SEF OPERATED BY BSEF OR SEF PLATFORM, OR SERVICES, EQUIPMENT OR FACILITIES USED TO SUPPORT BSEF, THE SEF OPERATED BY BSEF OR SEF PLATFORM, OR THE NEGLIGENCE OR GROSS NEGLIGENCE OF BSEF EMPLOYEES, AGENTS OR SUBAGENTS EXCEED \$1,000,000 IN ANY GIVEN CALENDAR YEAR.

IF THE NUMBER OF ALLOWED CLAIMS ARISING OUT OF ANY FAILURES OR MALFUNCTIONS ON A SINGLE DAY, SINGLE MONTH OR SINGLE YEAR CANNOT BE FULLY SATISFIED BECAUSE OF THE ABOVE DOLLAR LIMITATIONS, ALL SUCH CLAIMS SHALL BE LIMITED TO A PRO RATA SHARE OF THE MAXIMUM AMOUNT FOR THE RESPECTIVE PERIOD.

(f) THE LIMITATIONS OF LIABILITY IN THIS RULE 901 SHALL NOT APPLY TO BSEF'S INDEMNIFICATION OBLIGATION UNDER RULE 902 AND SHALL NOT PROTECT ANY PARTY FOR WHICH THERE HAS BEEN A FINAL DETERMINATION (INCLUDING EXHAUSTION OF ANY APPEALS) BY A COURT OR ARBITRATOR TO HAVE ENGAGED IN FRAUD OR WILLFUL MISCONDUCT. ADDITIONALLY, THE FOREGOING LIMITATIONS ON LIABILITY OF THIS RULE SHALL BE SUBJECT TO THE CEA AND THE REGULATIONS PROMULGATED THEREUNDER, EACH AS IN EFFECT FROM TIME TO TIME.

RULE 902. Indemnification by BSEF

BSEF, at its expense, shall indemnify, hold harmless and defend Participant against any loss, claim, demand or expense (including reasonable attorneys' fees) ("Claim") that the SEF Platform or any portion thereof infringes, misappropriates or violates any intellectual property or proprietary rights of any third party; provided, however, that BSEF shall not be required to indemnify Participant for any Claim to the extent it arises from or in connection with any (a) additions, changes or modifications by Participant to the SEF Platform, which changes were not provided by BSEF or any of its affiliates, (b) use of the SEF Platform in combination with other products or services not provided by BSEF or its affiliates, or (c) use of the SEF Platform other than as expressly permitted by the Rules or the Participant Documentation. BSEF shall control such defense and all negotiations relative to the settlement of any such Claim. Participant shall promptly provide BSEF with written notice of any claim which falls within the scope of this paragraph (provided that failure to provide such notice shall not relieve BSEF of its indemnity obligations hereunder except to the extent it is prejudiced thereby).

CHAPTER 10. [RESERVED]
CHAPTER 11. [RESERVED]

CHAPTER 12.CREDIT CONTRACTS TERMS AND CONDITIONS

RULE 1201. CDS Index Contract – North America High Yield 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with a night yield credit rating.
Index	CDX.NA.HY: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy, Failure to Pay and Restructuring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03
reportable Levels	As set in the Cr Te regulation 13.03

RULE 1202. CDS Index Contract – North America High Yield 5Y (ICE)

Contract	An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Overview	An agreement to day of sen protection of a basket of inquite North America based changes with a linght yield cream rating.
Index	CDX.NA.HY: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy, Failure to Pay and Restructuring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1203. CDS Index Contract – North America Investment Grade 3Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 15 to current
Currency	USD
Quoting	
Convention	As agreed by counterparties
and Minimum	
Increment	
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit
Conventions	events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
	the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	3Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the
	swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
	Outrights
	Roll Trades
0.40	Curve Trades Outline Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is
	present valued and paid immediately to the seller.
Trading Hours and	00:01 -24:00 Sunday-Friday; Eastern Tim
Venue	
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1204. CDS Index Contract – North America Investment Grade 3Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 15 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	3Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1205. CDS Index Contract – North America Investment Grade 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting	As agreed by counterparties
Convention	
and	
Minimum	
Increment	
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit
Conventions	events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
	the credit risk of the instrument.
a a .	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and	00:01 -24:00 Sunday-Friday; Eastern Time
Venue	
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1206. CDS Index Contract – North America Investment Grade 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 11 to current
muca	CDATALIG. Series 11 to current
Currency	USD
Quoting Convention	As agreed by counterparties
and	The agreed of counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Tuada Tumas	The following swap types may be executed on the Bloomberg SEF:
Trade Types	Outrights Roll Trades
	Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1207. CDS Index Contract – North America Investment Grade 7Y (CME)

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Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	7Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1208. CDS Index Contract – North America Investment Grade 7Y (ICE)

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Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	7Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1209. CDS Index Contract – North America Investment Grade 10Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1210. CDS Index Contract – North America Investment Grade 10Y (ICE)

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Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1211. CDS Index Contract – CDX Emerging Markets – Latin America 5Y (CME)

Contract Overview	Index Currency USD Quoting Convention and Minimum Increment Minimum Size As agre Trading Conventions Buy = F Sell = S the cred Swap Conventions The C Fixed Swap Tenor Sy Effective Date The date swap. Maturity Date The foll Trade Types The foll Settlement Conting Derivation Fixed Q	merging Markets eed by counterparties eed by counterparties Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
Currency USD Quoting Convention and Minimum Increment As agreed by counterparties As agreed by counterparties Minimum Size Trading Conventions Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller of the credit risk of the instrument. Swap Conventions The CDX EM Latin America is traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. Swap Tenor SY Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Cred Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected to in seiler. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, whip resent valued and paid immediately to the seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, whip resent valued and paid immediately to the seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, whip resent valued and paid immediately to the seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, whip resent valued and paid immediately to the seller.	Currency USD Quoting Convention and Minimum Increment Minimum Size As agre Trading Conventions Buy = E Sell = S the cred Swap Conventions The C Fixed Swap Tenor SY Effective Date The data swap. Maturity Date Trade Types The foll Settlement Conting Derivation Fixed Q	red by counterparties Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Bell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
Ouoting Convention and Minimum Size As agreed by counterparties Minimum Size As agreed by counterparties Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller of the credit risk of the instrument. Swap Conventions The CDX EM Latin America is traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. Swap Tenor SY Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit objection seller. Effective Date Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, whip present valued and paid immediately to the seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, whip present valued and paid immediately to the seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, whip present valued and paid immediately to the seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, whip present valued and paid immediately to the seller.	Quoting Convention and Minimum Increment Minimum Size As agre Trading Conventions Buy = E Sell = S the cred Swap Conventions The C Fixed Swap Tenor Sy Effective Date The date swap. Maturity Date Trade Types The foll • • • Settlement Conting Derivation Fixed Q	red by counterparties Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Bell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
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Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller of the credit risk of the instrument. Swap Conventions The CDX EM Latin America is traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Cred Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, whith present valued and paid immediately to the seller. Trading Hours and Venue 00:01-24:00 Sunday-Friday; Eastern Tim	Swap Conventions Swap Conventions The C Fixed Swap Tenor Sy Effective Date The date swap. Maturity Date Trade Types The foll • • • • Settlement Conting Derivation Fixed Q	Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, white present valued and paid immediately to the seller. Trading Hours and Venue 00:01 -24:00 Sunday-Friday; Eastern Tim	Swap Tenor SY Effective Date The date swap. Maturity Date Trade Types The foll Settlement Conting Derivation Fixed Q	
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Settlement Trade Types The final date on which the obligations no longer accrue and the final payment occurs.	swap. Maturity Date The fina Trade Types The foll Settlement Conting Derivation Fixed Q	
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Outrights Roll Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which present valued and paid immediately to the seller. Trading Hours and Venue O0:01 -24:00 Sunday-Friday; Eastern Tim	Settlement Conting Derivati Fixed Q	al date on which the obligations no longer accrue and the final payment occurs.
Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, whith present valued and paid immediately to the seller. Trading Hours and Venue O0:01 -24:00 Sunday-Friday; Eastern Tim	Derivati Fixed Q	Outrights Roll Trades
Trading Hours and Venue 00:01 -24:00 Sunday-Friday; Eastern Tim	1	ives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. It fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is
	Trading Hours and 00:01 -2	
Block Size As set forth in Appendix F to Part 43. of the CFTC Regulations	Block Size As set for	
Speculative Limits As set in Part 151 of the CFTC Regulations	Speculative Limits As set in	
	Reportable Levels As set in	

RULE 1212. CDS Index Contract – CDX Emerging Markets – Latin America 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket comprised of a number of sovereign issuers, domiciled in Latin America
Index	CDX Emerging Markets
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	The CDX EM Latin America is traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits Reportable Levels	As set in Part 151 of the CFTC Regulations As set in the CFTC Regulation 15.03

RULE 1213. CDS Index Contract – European Investment Grade 10Y (CME)

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Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 7 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1214. CDS Index Contract – European Investment Grade 10Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 7 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1215. CDS Index Contract – European Investment Grade 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting Convention	As agreed by counterparties
and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread
	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1216. CDS Index Contract – European Investment Grade 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting Convention	As agreed by counterparties
and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread
	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1217. CDS Index Contract – European Crossover 5Y (CME)

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Contract Overview	The European Crossover index comprises 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Index	ITRAXX.EUROPE CROSSOVER: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue Clearing Venue	00:01 -24:00 Sunday-Friday; Eastern Tim CME
Block Size Speculative Limits Reportable Levels	As set forth in Appendix F to Part 43. of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in the CFTC Regulation 15.03
reportable Levels	1 to bet in the C1 Te Regulation 12.05

RULE 1218. CDS Index Contract – European Crossover 5Y (ICE)

Contract Overview	The European Crossover index comprises 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Index	ITRAXX.EUROPE CROSSOVER: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Trading Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours	00:01 -24:00 Sunday-Friday; Eastern Tim
and Venue Clearing	ICE Clear U.S.; ICE Clear Europe
Venue	Tel cical c.b., let cical Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable	As set in the CFTC Regulation 15.03
Levels	Tis see in the CTTC Regulation 13.03

RULE 1219. CDS Index Contract – European HiVol 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket comprised of 30 equally weighted credit default swaps on the widest spread non-financial European corporate entities.
Index	ITRAXX.EUROPE HIVOL: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread
	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1220. CDS Index Contract – European HiVol 5Y (ICE)

the credit risk of the instrument. European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis. Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.		
Currency EUR Quoting Convention and Minimum Increment As agreed by counterparties Minimum Size As agreed by counterparties Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the suler of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the suler of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Swap Conventions European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis. Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (set the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and plut by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	Contract Overview	
Outrign Convention and Minimum Increment Minimum Size As agreed by counterparties Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Swap Conventions European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis. Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payment - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	Index	ITRAXX.EUROPE HIVOL: Series 10 to current
As agreed by counterparties	Currency	EUR
Trading Conventions Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Swap Conventions European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis. Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	Convention and Minimum	As agreed by counterparties
Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Swap Conventions	Minimum Size	As agreed by counterparties
Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Swap Conventions		Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis. Swap Tenor 5Y The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.		Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	Swap Conventions	European crossover indices are traded on spread
Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.		Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	Swap Tenor	5Y
Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Outrights Roll Trades Curve Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	Trade Types	 Outrights Roll Trades Curve Trades
Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	Settlement	Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
		Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
g , , , , , , , , , , , , , , , , , , ,	Trading Hours and	00:01 -24:00 Sunday-Friday; Eastern Tim
Venue Clearing Venue ICE Clear U.S.; ICE Clear Europe		ICE Clear U.S.; ICE Clear Europe
Block Size As set forth in Appendix F to Part 43. of the CFTC Regulations	Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits		
D A A A A GETCO LA 15 00	Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1221. CDS Index Contract – iTraxx Europe Senior Financial 5Y

	An agreement to buy or sell protection on a basket of 25 equally weighted credit default swaps on investment grade European entities.
Index	ITRAXX EUROPE SENIOR FINANCIAL
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Senior Financial indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	n/a
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1222. CDS Index Contract – iTraxx SovX Western Europe 5Y

Contract Overview	An agreement to buy or sell protection on an index comprised of 14 names from the Eurozone region plus Denmark, Norway, Sweden and United Kingdom that trade on Western European documentation.
Index	ITRAXX SovX Western Europe
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. SovX Western Europe indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	n/a
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1223. CDS Index Contract – iTraxx Europe Subordinated Financial 5Y

Contract Overview An agreement to buy or sell protection on a basket of 25 equally weighted credit default swaps on investment grade Furopean entities. Index ITRAXX EUROPE SUBORDINATED FINANCIAL EUR Quoting Conventions and Minimum Increment Minimum As agreed by counterparties Size Trading Conventions Sell = Sell Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Subordinated Financial indices are traded on spread Swap Tenor Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis. Swap Tenor The final date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date Trade Types The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Conventional payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Prived Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller. Outlines Trading Hours and Venue Clearing As set forth in Appendix F to Part 43 of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in Part 15		
Currency Convention Convention Minimum Size As agreed by counterparties Minimum Size Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Subordinated Financial indices are traded on spread Swap Conventions Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis. Swap Tenor SY Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Outrights Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller. O001-24-00 Sunday-Friday; Eastern Tim Venne Block Size As set in Part 151 of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in the CFTC Regulation 15.03		
As agreed by counterparties	Index	ITRAXX EUROPE SUBORDINATED FINANCIAL
As agreed by counterparties	Currency	EUR
Trading Conventions Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Subordinated Financial indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis. Swap Tenor SY Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller. Trading Hours and Venue Clearing In/a Venue Block Size As set forth in Appendix F to Part 43, of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in Part 151 of the CFTC Regulation 15,03	Convention and Minimum	As agreed by counterparties
Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Subordinated Financial indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis. Swap Tenor Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. The following swap types may be executed on the Bloomberg SEF: • Outrights • Roll Trades • Curve Trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller. Trading Hours and Venue Clearing Venue Clearing Venue Clearing Venue As set forth in Appendix F to Part 43. of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in Part 151 of the CFTC Regulation 15.03		As agreed by counterparties
Conventions Syap Tenor 5Y	U	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date Trade Types The final date on which the obligations no longer accrue and the final payment occurs. Trade Types Outrights Roll Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller. Trading Hours and Venue Clearing Venue Block Size As set forth in Appendix F to Part 43. of the CFTC Regulations Speculative Limits Reportable As set in Part 151 of the CFTC Regulation 15.03		Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Trading Hours and Venue Trading Hours and Venue Clearing Hours and Venue Block Size As set forth in Appendix F to Part 43. of the CFTC Regulations The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller. Oio1 -24:00 Sunday-Friday; Eastern Tim As set forth in Appendix F to Part 43. of the CFTC Regulations Popertable As set in Part 151 of the CFTC Regulations As set in the CFTC Regulation 15.03	Swap Tenor	5Y
Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades Cuntingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller. O0:01 -24:00 Sunday-Friday; Eastern Tim Trading Hours and Venue Clearing Venue Block Size As set forth in Appendix F to Part 43. of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in the CFTC Regulation 15.03	Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Outrights Roll Trades Curve Trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller. Trading Hours and Venue Clearing Venue Block Size As set forth in Appendix F to Part 43. of the CFTC Regulations Speculative Limits Reportable As set in the CFTC Regulation 15.03		The final date on which the obligations no longer accrue and the final payment occurs.
Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller. O0:01 -24:00 Sunday-Friday; Eastern Tim Clearing Venue Block Size As set forth in Appendix F to Part 43. of the CFTC Regulations Speculative Limits Reportable As set in the CFTC Regulation 15.03		OutrightsRoll Trades
Trading Hours and Venue Clearing Venue Block Size As set forth in Appendix F to Part 43. of the CFTC Regulations Speculative Limits Reportable As set in the CFTC Regulation 15.03	Settlement	Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is
Clearing Venue Block Size	Hours and	
Block Size As set forth in Appendix F to Part 43. of the CFTC Regulations Speculative Limits Reportable As set in the CFTC Regulation 15.03		n/a
Speculative Limits Reportable As set in Part 151 of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in the CFTC Regulation 15.03		A CONTRACTOR OF THE PART OF TH
Limits Reportable As set in the CFTC Regulation 15.03		
Reportable As set in the CFTC Regulation 15.03	-	As set in rait 151 of the Cric Regulations
		As set in the CFTC Regulation 15.03

RULE 1224. CDS Index Contract – iTraxx Japan 5Y

Contract Overview	An agreement to buy or sell protection on a basket comprised of 50 equally-weighted investment grade Japanese entities.
Index	ITRAXX.JAPAN
Currency	JPY
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	The ITraxx Japan index is traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	n/a
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03
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RULE 1225. CDS Index Contract – iTraxx Australia 5Y

Contract Overview	An agreement to buy or sell protection on a basket comprised of 25 equally-weighted investment grade Australian entities.
Index	ITRAXX.AUSTRALIA
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	The ITraxx Australia index is traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue Clearing	00:01 -24:00 Sunday-Friday; Eastern Tim
Venue	
Block Size Speculative	As set forth in Appendix F to Part 43. of the CFTC Regulations As set in Part 151 of the CFTC Regulations
Limits Reportable Levels	As set in the CFTC Regulation 15.03

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit
	rating.
Index	CDX.NA.IG: current series
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
Trading Conventions	the credit risk of the instrument.
Swap Conventions	Investment Grade indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
muiny van	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
Settlement	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1226. CDS Index Contracts – North America Investment Grade 5Y (CME) MAT

RULE 1227. CDS Index Contract – North America Investment Grade 5Y (ICE) MAT

a	America investment Grade 31 (ICE) WA1
Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit
	rating.
Index	CDX.NA.IG: current series
Currency	USD
Quoting	As agreed by counterparties
Convention and	
Minimum	
Increment	
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit
	events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
Trading	the credit risk of the instrument.
Conventions	
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
•	
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the
Zireen e zuee	swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit
	Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is
Settlement	present valued and paid immediately to the seller.
Trading Hours and	00:01 -24:00 Sunday-Friday; Eastern Time
Venue	00.01 -200 Sunday-Friday, Eastern Fine
	ICE Clear II S - ICE Clear Furance
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
DIOCK SIZE	As set form in Appendix F to Part 45, of the CFTC Regulations
Chamlatire I :	As set in Port 151 of the CETC Descriptions
Speculative Limits	As set in Part 151 of the CFTC Regulations
Danautahl- II	As set in the CETC Population 15 02
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1228. CDS Index Contract – North America High Yield 5Y (CME) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index	CDX.NA.HY: prior, current series
Currency	USD
Quoting	As agreed by counterparties
Convention and	
Minimum	
Increment Minimum Size	As agreed by counterparties
William Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit
Conventions	events include Bankruptcy, Failure to Pay and Restructuring.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	High Yield indices are traded on price
Swap Conventions	Tight Tield indices die didded on price
	Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the
M. t. 't. D. t.	swap.
Maturity Date Trade Types	The final date on which the obligations no longer accrue and the final payment occurs. The following swap types may be executed on the Bloomberg SEF:
Trade Types	Outrights Outrights
	Roll trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit
	Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is
	present valued and paid immediately to the seller.
Trading Hours and	00:01 -24:00 Sunday-Friday; Eastern Tim
Venue	
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations As set in the CFTC Regulation 15.03
Reportable Levels	As set in the Cr 1C Regulation 13.03

RULE 1229. CDS Index Contract – North America High Yield 5Y (ICE) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index	CDX.NA.HY: prior, current series
Currency	USD
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit
Conventions	events include Bankruptcy, Failure to Pay and Restructuring.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	High Yield indices are traded on price
-	Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
	Outrights
	Roll trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Ticker	ITRX EUR CDSI [series] 5Y
Index	ITRAXX.EUROPE: prior, current series
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1230. CDS Index Contract – European Investment Grade 5Y (CME) MAT

RULE 1231. CDS Index Contract – European Investment Grade 5Y (ICE) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.		
Ticker	ITRX EUR CDSI [series] 5Y		
Index	ITRAXX.EUROPE: prior, current series		
Currency	EUR		
Quoting Convention and Minimum Increment	As agreed by counterparties		
Minimum Size	As agreed by counterparties		
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.		
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.		
Swap Tenor	5Y		
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.		
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.		
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.		
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Time		
Clearing Venue	ICE		
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations		
Speculative Limits	As set in Part 151 of the CFTC Regulations		
Reportable Levels	As set in the CFTC Regulation 15.03		

RULE 1232. MAT ITRX XOVER CDSI 5Y (CME)

Contract Overview	The European Crossover index comprises 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.	
Ticker	ITRX XOVER CDSI [series] 5Y	
Index	ITRAXX.EUROPE CROSSOVER: prior, current series	
Currency	EUR	
Quoting Convention and Minimum Increment	As agreed by counterparties	
Minimum Size	As agreed by counterparties	
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.	
Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument	
Swap Conventions	European crossover indices are traded on spread	
G 70	Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.	
Swap Tenor	5Y	
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.	
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.	
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades	
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is	
	present valued and paid immediately to the seller.	
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Tim	
Clearing Venue	CME	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations	
Speculative Limits	As set in Part 151 of the CFTC Regulations	
Reportable	As set in the CFTC Regulation 15.03	
Levels		

RULE 1233. MAT ITRX XOVER CDSI 5Y (ICE)

Contract Overview	The European Crossover index comprises 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.		
Ticker	ITRX XOVER CDSI [series] 5Y		
Index	ITRAXX.EUROPE CROSSOVER: prior, current series		
Currency	EUR		
Quoting Convention and Minimum Increment	As agreed by counterparties		
Minimum Size	As agreed by counterparties		
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.		
Swap Conventions	European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.		
Swap Tenor	5Y		
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.		
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.		
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades		
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.		
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Tim		
Clearing Venue	ICE Clear U.S.; ICE Clear Europe		
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations		
Speculative Limits	As set in Part 151 of the CFTC Regulations		
Reportable Levels	As set in the CFTC Regulation 15.03		

RULE 1234. MAT CDX IG CDSI 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Ticker	CDX IG CDSI [series] 5Y
Index	CDX.NA.IG: prior, current series
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions Swap Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Investment Grade indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

Contract Overview		
	rating.	
Ticker	CDX IG CDSI [series] 5Y	
Index	CDX.NA.IG: prior, current series	
Currency	USD	
Quoting Convention and Minimum Increment	As agreed by counterparties	
Minimum Size	As agreed by counterparties	
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.	
Swap Conventions	Investment Grade indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.	
Swap Tenor	5Y	
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.	
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.	
	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.	
Settlement	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time	
Clearing Venue	ICE	
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations	
Speculative Limits	As set in Part 151 of the CFTC Regulations	

RULE 1235. MAT CDX IG CDSI 5Y (ICE)

RULE 1236. MAT ITRX EUR CDSI 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.		
Ticker	ITRX EUR CDSI [series] 5Y		
Index	ITRAXX.EUROPE: prior, current series		
Currency	EUR		
Quoting Convention and Minimum Increment	As agreed by counterparties		
Minimum Size	As agreed by counterparties		
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.		
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.		
Swap Tenor	5Y		
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.		
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.		
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.		
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Time		
Clearing Venue	CME		
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations		
Speculative Limits	As set in Part 151 of the CFTC Regulations		

RULE 1237. MAT ITRX EUR CDSI 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.	
Ticker	ITRX EUR CDSI [series] 5Y	
Index	ITRAXX.EUROPE: prior, current series	
Currency	EUR	
Quoting Convention and Minimum Increment	As agreed by counterparties	
Minimum Size	As agreed by counterparties	
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.	
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.	
Swap Tenor	5Y	
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.	
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.	
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.	
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Time	
Clearing Venue	ICE	
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations	
Speculative Limits	As set in Part 151 of the CFTC Regulations	

RULE 1238. Option – CDS Index Contract North America High Yield 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX HY CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America High Yield 5Y [CME]. An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index of Underlying Swap	CDX.NA.HY: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1239. Option – CDS Index Contract North America High Yield 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX HY CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America High Yield 5Y [ICE]. An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index of Underlying Swap	CDX.NA.HY: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1240. Option – CDS Index Contract North America Investment Grade 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 5Y (CME). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1241. Option – CDS Index Contract North America Investment Grade 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 5Y (ICE). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1242. Option – CDS Index Contract – CDX Emerging Markets – Latin America 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX EM CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – CDX Emerging Markets – Latin America 5Y (CME). An agreement to buy or sell protection on a basket of a number of sovereign issuers, domiciled in Latin America.
Index of Underlying Swap	CDX Emerging Markets
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1243. Option – CDS Index Contract – CDX Emerging Markets – Latin America 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX EM CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 5Y (ICE). An agreement to buy or sell protection on a basket of a number of sovereign issuers, domiciled in Latin America.
Index of Underlying Swap	CDX Emerging Markets
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1244. Option – CDS Index Contract – European Investment Grade 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX EUR CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Investment Grade 5Y (CME). An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index of Underlying Swap	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1245. Option – CDS Index Contract – European Investment Grade 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX EUR CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Investment Grade 5Y (ICE). An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index of Underlying Swap	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1246. Option – CDS Index Contract – European Crossover 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX XOVER CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Crossover 5Y (CME). An index comprising 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE CROSSOVER: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1247. Option – CDS Index Contract – European Crossover 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX XOVER CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Crossover 5Y (ICE). An index comprising 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE CROSSOVER: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay. Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1248. Option – CDS Index Contract – European HiVol 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	HIVOL CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European HiVol 5Y (CME). An agreement to buy or sell protection on a basket comprised of 30 equally weighted credit default swaps on the widest spread non-financial European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE HIVOL: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1249. Option – CDS Index Contract – European HiVol 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	HIVOL CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European HiVol 5Y (ICE). An agreement to buy or sell protection on a basket comprised of 30 equally weighted credit default swaps on the widest spread non-financial European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE HIVOL: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay. Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap
Trauling Conventions	whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1250. Option – CDS Index Contract – North America Investment Grade 3Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 3 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 3Y (CME). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1251. Option – CDS Index Contract – North America Investment Grade 3Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 3 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 3Y (ICE). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

CHAPTER 13.RATES CONTRACTS TERMS AND CONDITIONS

RULE 1301. AUD BBR-BBSW Fixed-to-Floating Contract

Contract Overview An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity. Currency AUD Floating Rate Index 3 Month AUD-BBR-BBSW 6 Month AUD-BBR-BBSW Quoting Convention and As agreed by counterparties
Currency AUD Floating Rate Index 3 Month AUD-BBR-BBSW 6 Month AUD-BBR-BBSW
Floating Rate Index 3 Month AUD-BBR-BBSW 6 Month AUD-BBR-BBSW
Floating Rate Index 3 Month AUD-BBR-BBSW 6 Month AUD-BBR-BBSW
6 Month AUD-BBR-BBSW
6 Month AUD-BBR-BBSW
Quoting Convention and As agreed by counterparties
Minimum Increment
Minimum Size As agreed by counterparties
Trading Conventions Buy = Pay Fixed, Receive Float.
Sell = Receive Fixed, Pay Float.
Swap Conventions
Fixed Leg
Payment: Semi-Annual, Quarterly
Day Count Conventions: ACT/365(Fixed)
Holiday Calendar: Sydney
Business Day Conventions: Modified Following with adjustment to period end dates
Floating Leg
Payment/Resets : Semi-Annual, Quarterly
Day Count Conventions: ACT/365(Fixed)
Holiday Calendar: Sydney
Fixing Calendar: Sydney
Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to
long as 30 years.
Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Also known as the start date of the swap.
Maturity Date The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, D
Payment and Resets Count Convention and Fixed Interest Rate.
Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequer
Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date The first BBSW Fixing Date is 2 Sydney business days prior to the Effective Date.
Trade Start Types Spot:
• A new swap where the Effective Date is T+2 from the trade date.
Trade Types The following swap types may be executed on the Bloomberg SEF:
Outrights
Settlement Procedure As determined by the Clearing Venue or an agreement between the counterparties
Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue CME or LCH or Bilateral
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations Reportable Levels As set in CFTC Regulation 15.03

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
	6 Month EUR-EURIBOR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	P. IV
	Fixed Leg Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg Payment/Resets : Semi-Annual, Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
C Tr	The density of the founds of the first day of the day o
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 50 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot:
	A new swap where the Effective Date is T+2 from the trade date.
	IMM:
	A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September,
T d. T	December, March, June). The following swap types may be executed on the Bloomberg SEF:
Trade Types	Outrights Outrights
	• Curves
	Butterflies
	• IMM
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
_	LA CONTRACTOR OF THE PART OF THE CONTRACTOR OF T
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1302. EUR Euribor Fixed-to-Floating Contract

RULE 1303. CHF LIBOR Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
	notional over a term to maturity.
Currency	CHF
Currency	
Floating Rate Index	6 Month CHF-LIBOR-BBA
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
	Self – Receive Fixed, Fay Float.
Swap Conventions	
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Zurich
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Zurich
	Fixing Calendar: London
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as
_	long as 30 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
•	
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
·	
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot:
	A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
V 17	Outrights
Settlement Procedure	As determined by the Clearing Venue or an agreement between the counterparties
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
i i uuing livui y	
Clearing Venue	CME or LCH or Bilateral
Cicaring venue	Civil of Lett of Dilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
DIUCK SIZE	As section in Appendix F to Fait 45 of the CFFC regulations.
Cnoculative Limits	As set in Part 151 of the CETC Populations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1304. GBP LIBOR Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
	notional over a term to maturity.
Cummon or	GBP
Currency	OBP
Floating Rate Index	(Month CDD LIDOR DDA
	6 Month GBP-LIBOR-BBA
Quoting Convention and	As agreed by counterparties
Minimum Increment	CDD 1000
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	
	Fixed Leg
	Payment: Semi-Annual
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendar: London
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendar: London
	Fixing Calendar: London
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as
Swap Tenor	long as 50 years.
	long to be years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Bute	Also known as the start date of the swap.
	This known as the state of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Maturity Date	The final date of which the congulation is longer accorded and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
r ayment and Resets	Count Convention and Fixed interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Floating interest rate index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first Libor Fixing Date is the Effective Date.
Trade Start Types	Spot:
Trade Start Types	1
T1- T	 A new swap where the Effective Date is T from the trade date. The following swap types may be executed on the Bloomberg SEF:
Trade Types	
	Outrights
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1305. JPY LIBOR Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
	notional over a term to maturity.
Currency	JPY
Floating Rate Index	6 Month JPY-LIBOR-BBA
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	· · · · · · · · · · · · · · · · · · ·
	Payment: Semi-Annual
	Day Count Conventions: ACT/365(Fixed) Holiday Calendars: London, Tokyo
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual
	Day Count Conventions: ACT/360
	Holiday Calendars: London, Tokyo
	Fixing Calendar: London
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as
Swap Tellor	long as 40 years.
	long as 40 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
	The same of the sa
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Flating Law The second of the Flating Law is head on the following National December Frances
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Floating interest Rate index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot:
	A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
	Outrights
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
_	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

Contract	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a
Overview	term to maturity.
	100
Currency	USD
Floating Rate	3 Month LIBOR
Index	
Contract Size	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading	Buy = Pay Fixed, Receive Float.
Conventions	Sell = Receive Fixed, Pay Float.
Swap	
Conventions	Fixed Leg
	Payment: Semi-Annual, Annual
	Day Count Conventions: 30/360, ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360,
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 50
Swap Tellor	years.
	years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also
Effective Date	known as the start date of the swap.
	known as the staff date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Transacting Date	The first case of the congruence to reget access and the first payment occurs.
Periodic	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count
Settlement:	Convention and Fixed Interest Rate.
Payment and	
Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count
	Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Libor Fixing	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Date	
Trade Start	Spot:
Types	A new swap where the Effective Date is T+2 from the trade date.
	IMM:
	 A forward starting swap with an effective date on one of the four quarterly IMM Dates (September, December,
	March, June).
Trade Types	The following swap types may be executed on the Bloomberg SEF:
	Outrights
	Swap Spreads
	• Switches
	Butterflies
	• IMM
Settlement	As determined by the Clearing Venue
Procedure	The determined of the clothing forms
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
in and in an in	
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1306. Interest Rate LIBOR USD Fixed-to-Floating Swap Contract

RULE 1307. OIS Eonia Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Currency	EUR
Floating Rate Index	EUR-EONIA-OIS-Compound
Quoting Convention Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg Payment: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as long as 50 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first EONIA Fixing Date is the trade date.
Trade Start Types	Spot:
Trade Types	 A new swap where the Effective Date is T+2 from the trade date. The following swap types may be executed on the Bloomberg SEF: Outrights
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1308. OIS Fed Funds Fixed-to-Floating Contract

Currency USD Floating Rate Index Quoting Convention Minimum Increment Minimum Size Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Fixing Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as long as 2 years. Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.	Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional
Floating Rate Index Quoting Convention Minimum Increment Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: IT, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Business Day Conventions: AOM Holiday Calendar: New York Business Day Cont Conventions: ACT/360 Holiday Calendar: New York Fixing Calendar: New York Fixing Calendar: New York Fixing Calendar: New York Business Day Conventions: ACT/360 Holiday Calendar: New York Fixing Calendar: New York Fixing Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor The duration of time from the effective date to the maturity date. A contract can have a Tenor from I week to as long as 2 years. Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.		
Floating Rate Index Quoting Convention Minimum Increment Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: IT, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Business Day Conventions: AOM Holiday Calendar: New York Business Day Cont Conventions: ACT/360 Holiday Calendar: New York Fixing Calendar: New York Fixing Calendar: New York Fixing Calendar: New York Business Day Conventions: ACT/360 Holiday Calendar: New York Fixing Calendar: New York Fixing Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor The duration of time from the effective date to the maturity date. A contract can have a Tenor from I week to as long as 2 years. Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.		Y Y O D
As agreed by counterparties	Currency	USD
As agreed by counterparties	Floating Rate Index	USD-FED-FUND H.15 OIS Compound
Minimum Size		
Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Fixed Leg Payment: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Fixing Calendar: New York Fixing Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as long as 2 years. Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.		
Swap Conventions Fixed Leg Payment: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Fixing Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Fixing Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as long as 2 years. Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.	Minimum Size	As agreed by counterparties
Fixed Leg Payment: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Fixing Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as long as 2 years. Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.	Trading Conventions	
Fixed Leg Payment: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Fixing Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as long as 2 years. Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.		Sell = Receive Fixed, Pay Float.
Payment: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: New York Fixing Calendar: New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as long as 2 years. Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.	Swap Conventions	
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Swap Tenor The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as long as 2 years. The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.		
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Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.	Swap Tenor	
Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.		as 2 years.
Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.	Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.		Also known as the start date of the swap.
Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.	Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs
Payment and Resets Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.	Maturity Date	The final date of which are congations no longer accrue and the final payment occurs.
Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.		
Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.	Payment and Resets	Count Convention and Fixed Interest Rate.
Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.		Floating Log: The payment amount of the Floating Log is based on the following: National Dayment Fraguency
Payments are settled in accordance with the payment frequency of the swap.		
	First Fixing Date	The first Fed Funds Fixing Date is 2 New York business days prior to the Effective Date.
Trade Start Types Spot:	Trade Start Types	
• A new swap where the Effective Date is T+2 from the trade date.		A new swap where the Effective Date is T+2 from the trade date. The College of the Colle
Trade Types The following swap types may be executed on the Bloomberg SEF: • Outrights	Trade Types	
Settlement Procedure As determined by the Clearing Venue	Settlement Procedure	Ę .
Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time		00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue CME or LCH	Clearing Venue	CME or LCH
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.	Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits As set in Part 151 of the CFTC Regulations	Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels As set in CFTC Regulation 15.03	Reportable Levels	As set in CFTC Regulation 15.03

RULE 1309. USD LIBOR Basis Swap Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying two floating interest rates to a specified notional over
Contract Over view	a term to maturity.
Currency	USD
Floating Rate Index	1 Month USD-LIBOR-BBA
	3 Month USD-LIBOR-BBA
	6 Month USD-LIBOR-BBA
Quoting Convention	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Spread Sell = Receive Spread
Swap Conventions	
•	Floating Leg 1
	Payment/Resets: Monthly, Quarterly
	Day Count Conventions: ACT/360
	Compounding Method: Flat Holiday Calendars: London, New York
	Fixing Calendar: London
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg 2
	Payment/Resets : Quarterly, Semi-Annual
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York Fixing Calendar: London
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long
-	as 30 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Floating Leg 1: The payment amount of the Floating Leg 1 is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index, and Floating Reset Dates.
	Floating Leg 2: The payment amount of the Floating Leg 2 is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: • A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
Trade Types	• 1s3s Basis
C-441 D	3s6s Basis As determined by the Clearing Venue
Settlement Procedure Trading Hours	As determined by the Clearing Venue 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
_	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1310. SEK Stibor Fixed-to-Floating Contract

Currency SEK Floating Rate Index Quoting Convention and Minimum Increment Minimum Size Trading Conventions Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: 30/360 Holiday Calendars: Stockholm Business Day Conventions: ACT/360 Holiday Calendars: Stockholm Fixing Calendar: Stockholm Fixing Date The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 15 years. Maturity Date The factive Date The factive Date The fixing Date The fixing Date The fixing Date is 2 Stockholm business days prior to the Effective Date. Payments are settled in accordance with the payment frequency of the swap. Payments are settled in accordance with the payment frequency of the swap. Payments are settled in accordance with the payment frequency of the swap. Trade Types Trade Types The first STBOR Fixing Date is 2 Stockholm business days prior to the Effective Date. Payments was payment the Effective Date is T+2 from the trade date. The following swap types may be executed on the Bloombe	Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Currency SEK Floating Rate Index Quoting Convention and Minimum Exement Minimum Size Trading Conventions Swap Conventions Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: 30/360 Holiday Calendars: Stockholm Business Day Conventions: ACT/360 Holiday Calendars: Stockholm Fixing Calendar: Stockholm Business Day Conventions: ACT/360 Holiday Calendars: Stockholm Fixing Calendar: Stockholm Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendars: Stockholm Fixing Calendar: Stockholm Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment Stockholm Fixing Calendar: Stockholm Business Day Conventions: Modified Following with adjustment to period end dates The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 15 years. Fifective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap. First Fixing Date Trade Types Trade Types Trade Types The first STIBOR Fixing Date is 2 Stockholm business days prior to the Effective Date. Spot: A new swap where the Effective Date is T+2 from the trade date. Trade Types The following swap types may be executed on the Bloomberg SEF	Contract Over view	
Ploating Rate Index 3 Month SEK-STIBOR-SIDE		notional over a term to maturity.
Ploating Rate Index 3 Month SEK-STIBOR-SIDE	Currency	SEK
Minimum Size	Currency	SEK SEK
Minimum Size	Floating Rate Index	3 Month SEK_STIBOR_SIDE
Minimum Increment		
Minimum Size Buy = Pay Fixed, Receive Float.		As agreed by counterparties
Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Fixed Leg Payment: Annual Day Count Conventions: 30/360 Holiday Calendars: Stockholm Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendars: Stockholm Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: Modified Following with adjustment to period end dates Fixed Leg Calendars: Stockholm Business Day Conventions: Modified Following with adjustment to period end dates The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 15 years. Effective Date The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 15 years. Effective Date The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 15 years. Effective Date The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 15 years. Effective Date The final date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. First Pixing Date First Pixing Date Trade Start Types The first STIBOR Fixing Date is 2 Stockholm business days prior to the Effective Date. First Fixing Date Trade Start Types The following swap types may be executed on the Bloomberg SEF: Outrights Settlement Procedure Trading Hours Charles Venue CME or LCH or Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations		As agreed by counterparties
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Outrights Settlement Procedure As determined by the Clearing Venue or an agreement between the counterparties Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Clearing Venue CME or LCH or Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations	т 1. т	
Settlement Procedure As determined by the Clearing Venue or an agreement between the counterparties Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Clearing Venue CME or LCH or Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations	1 raue 1 ypes	
Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Clearing Venue CME or LCH or Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations	G	
Clearing Venue CME or LCH or Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		As determined by the Clearing Venue or an agreement between the counterparties
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations	Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		
Speculative Limits As set in Part 151 of the CFTC Regulations	Clearing Venue	CME or LCH or Bilateral
Speculative Limits As set in Part 151 of the CFTC Regulations		
	Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Reportable Levels As set in CFTC Regulation 15.03	•	
	Reportable Levels	As set in CFTC Regulation 15.03

RULE 1311. Interest Rate LIBOR USD Fixed-to-Floating Swap Contract (CME) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
_	Payment: Semi-Annual, Annual
	Day Count Conventions:
	Semi-Annual Payment: 30/360
	Annual Payment: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360,
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
-	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the time
	of execution
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1312. Interest Rate LIBOR USD Fixed-to-Floating Swap Contract (LCH) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	Payment: Semi-Annual, Annual
	Day Count Conventions:
	Semi-Annual Payment: 30/360
	Annual Payment: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly Day Count Conventions: ACT/360
	Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates
	Business Day Conventions, Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the time
	of execution
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
Block Size Speculative Limits	As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations

RULE 1313. EUR Euribor Fixed-to-Floating Contract (CME) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
9	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size	Fixed; notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual, Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
E. 1E D.	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the time of execution
C til t D I	
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1314. EUR Euribor Fixed-to-Floating Contract (LCH) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
C	
Currency	EUR 3 Month EUR-EURIBOR
Floating Rate Index	•
	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size	Fixed; notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Semi-Annual, Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the time
**	of execution
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	7 to 500 in C1 1C 10cguiution 13.03

RULE 1315. MAT IRS USD Swap vs 3M (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	USD Swap vs 3M [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	Payment: Semi-Annual, Annual
	Day Count Conventions:
	Semi-Annual Payment: 30/360
	Annual Payment: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
C T	
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Mr. 4 1 D. 4	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Payment and Resets	
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Floating interest Rate index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set form in Appendix 1 to 1 art 45 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in Fact 131 of the CFTC Regulations As set in CFTC Regulation 15.03
Reportable Levels	As set in CFTC regulation 13.03

RULE 1316. MAT IRS USD Swap vs 3M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	USD Swap vs 3M [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
<u>r</u>	Payment: Semi-Annual, Annual
	Day Count Conventions:
	Semi-Annual Payment: 30/360
	Annual Payment: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1317. MAT IRS EUR Swap vs 3M (CME)

Ticker Currency Floating Rate Index Quoting Convention and	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity. EUR Swap vs 3M [tenor] EUR 3 Month EUR-EURIBOR
Currency Floating Rate Index	EUR Swap vs 3M [tenor] EUR
Currency Floating Rate Index	EUR
Floating Rate Index	-
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment, Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
1	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1318. MAT IRS EUR Swap vs 3M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR Swap vs 3M [tenor]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (Et : D)	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par Andrews Hard Clark W
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR Swap vs 6M [tenor]
Currency	EUR Swap vs ow [tenor]
3	6 Month EUR-EURIBOR
Floating Rate Index	
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1319. N (CME)

MAT IRS EUR Swap vs 6M

RULE 1320. MAT IRS EUR Swap vs 6M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR Swap vs 6M [tenor]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Appendix F to Part 45 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
	As set in Part 131 of the CFTC Regulations As set in CFTC Regulation 15.03
Reportable Levels	As set in CF1C Regulation 13.03

C	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
T: 1	7
Ticker	USD Swap vs 3M IMM [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Q	
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
·	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next two IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	110 bet in C11C regulation 13.03

RULE 1321. MAT IRS USD Swap vs 3M IMM (CME)

RULE 1322. MAT IRS USD Swap vs 3M IMM (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	USD Swap vs 3M IMM [tenor]
Currency	USD Swap vs 5W IIVIM [tenot]
	3 Month USD LIBOR
Floating Rate Index	
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
9	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
·	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next two IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1323. MAT IRS USD Swap vs 3M MAC (CME)

notional over a term to maturity. Ticker	Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Ticker USD Swap vs 3M MAC [tenor] Currency USD Tloating Rate Index Quoting Convention and Minimum Increment Contract Size / Notional Minimum Increment Contract Size / Notional Minimum Size Trading Conventions Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Semi-Annual Day Count Conventions: 30/360 Holiday Calendars: London, New York Business Day Conventions: ACT/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: Modified Following with adjustment to period end dates Floating Leg Floating Leg the on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which barries begin calculating accrue and the final payment occurs. Fixed Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Fixed Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Fixed Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Fixed Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Fixed Rese Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Stellement Procedure As determined by the Clearing Venue	Contract Overview	
Currency USD 3 Month USD LIBOR Quoting Rate Index As agreed by counterparties	Ticker	
Swap Tenor		
As agreed by counterparties		
Minimum Increment Fixed notional; as agreed by counterparties		
Fixed notional; as agreed by counterparties		The agreed by counterparties
Minimum Size As agreed by counterparties Trading Conventions Buy = Pay Fixed, Receive Float.		Fixed notional: as agreed by counterparties
Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float.	Minimum Size	
Sell = Receive Fixed, Pay Float.	Trading Conventions	
Payment: Semi-Annual Day Count Conventions: 30/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue	g	
Payment: Semi-Annual Day Count Conventions: 30/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue	Swap Conventions	Fixed Leg
Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue	•	Payment: Semi-Annual
Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts As determined by the Clearing Venue		
Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue		Holiday Calendars: London, New York
Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue		
Day Count Conventions: ACT/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue		
Day Count Conventions: ACT/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue		
Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor		
Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor		
Swap Tenor I, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue		
The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue	Swan Tenor	1 2 3 4 5 7 10 15 20 and 30 years
Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue		
Maturity DateThe final date on which the obligations no longer accrue and the final payment occurs.Periodic Settlement: Payment and ResetsFixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.Payments are settled in accordance with payment frequency of the swap.First Libor Fixing DateThe first LIBOR Fixing Date is 2 London business days prior to the Effective Date.Trade Start TypesInternational Money Market ("IMM") (next two IMM dates)Fixed RateStandard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contractsSettlement ProcedureAs determined by the Clearing Venue	Effective Date	
Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue	Maturity Date	
Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue		
Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue	Payment and Resets	
Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Libor Fixing Date The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue	•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
First Libor Fixing Date The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue		
First Libor Fixing Date The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue		
Trade Start Types International Money Market ("IMM") (next two IMM dates) Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue		
Fixed Rate Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts Settlement Procedure As determined by the Clearing Venue	First Libor Fixing Date	
Settlement Procedure As determined by the Clearing Venue		
	Settlement Procedure	
9 , ,	Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue CME	Clearing Venue	CME
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.		As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits As set in Part 151 of the CFTC Regulations	Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels As set in CFTC Regulation 15.03		As set in CFTC Regulation 15.03

RULE 1324. MAT IRS USD Swap vs 3M MAC (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	USD Swap vs 3M MAC [tenor]
Currency	USD Shap to stitute [Gibt]
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	The agreed of counterpartners
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
S	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Semi-Annual
	Day Count Conventions: 30/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next two IMM dates)
Fixed Rate	Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1325. MAT IRS GBP Swap vs 6M (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	GBP Swap vs 6M [tenor]
Currency	GBP
Floating Rate Index	6 Month GBP LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg. The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
-	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+0 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	CME
DIOCK SIZE	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	

RULE 1326. MAT IRS GBP Swap vs 6M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	GBP Swap vs 6M [tenor]
Currency	GBP
Floating Rate Index	6 Month GBP LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+0 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1327. MAT IRS GBP Swap vs 3M (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	GBP Swap vs 3M [tenor]
Currency	GBP Ship visin [tenta]
Floating Rate Index	3 Month GBP LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
0	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Quarterly, Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+0 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits Reportable Levels	

RULE 1328. MAT IRS GBP Swap vs 3M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract overview	notional over a term to maturity.
Ticker	GBP Swap vs 3M [tenor]
Currency	GBP
Floating Rate Index	3 Month GBP LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	and agreed by commercial and agreed agreement and agreement agreem
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
ð	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
_	Payment: Quarterly, Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+0 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1329. MAT IRS EUR Swap vs 3M IMM 1 Year (CME)

Contract Overview	An annual transfer of the Country of
Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Tr. 1	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	1 year
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	<u>Floating Leg</u> : The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Speculative Ellines	As set in CFTC Regulation 15.03

RULE 1330. MAT IRS EUR Swap vs 3M IMM 1 Year (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
	EUR FIXED Pay 5M IMM stativend month EUR
Currency	3 Month EUR-EURIBOR
Floating Rate Index	
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Final action by a council by a county martin
Minimum Size	Fixed notional; as agreed by counterparties
	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
0 75	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	1 year
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
M. C. D.	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Payment and Resets	***************************************
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
	UCH 1 - 24:00 Sunday-Friday Eastern Time
Clearing Venue Block Size	
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1331. MAT IRS EUR Swap vs 3M IMM 2 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [Fixed Fay] 5W [INWI Stational Month]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg convencions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
P	Payment: Annual
	Day Count Conventions; ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1332. MAT IRS EUR Swap vs 3M IMM 2 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	ns agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Description of the second of t
F:4 F:: D-4-	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date Trade Start Types	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
•	As set in Part 131 of the CFTC Regulations As set in CFTC Regulation 15.03
Reportable Levels	AS SET III CT TC REgulation 13:03

RULE 1333. MAT IRS EUR Swap vs 3M IMM 3 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [INCUT ay] 5M [INVINI Statutche month]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
2 p 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Payment: Annual
	Day Count Conventions; ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	3 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
	As set in CFTC Regulation 15.03

RULE 1334. MAT IRS EUR Swap vs 3M IMM 3 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	ns agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	3 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	December of the discount of the country of the coun
First Firing Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date Trade Start Types	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
	As set in Part 131 of the CFTC Regulations As set in CFTC Regulation 15.03
Reportable Levels	AS SET III CF TC REGUIATION 13.03

RULE 1335. MAT IRS EUR Swap vs 3M IMM 4 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [FIXCULAY] 5141 [INTIVI STATE CHILD HIGHTI]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	4 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1336. MAT IRS EUR Swap vs 3M IMM 4 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	4 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (Et ! D)	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1337. MAT IRS EUR Swap vs 3M IMM 5 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [FIXER FAY] 5W [INVIVI STATE COLD INDIRED]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	5 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
·	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1338. MAT IRS EUR Swap vs 3M IMM 5 Years (LCH)

notional over a term to maturity. EUR Fixed Pay 3M [MM start/end month]	Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Ticker EUR [Fixed Pay] 3M [IMM start/end month]	Contract Overview	
Currency Floating Rate Index 3 Month EUR-EURIBOR As agreed by counterparties	Ticker	
Ploating Rate Index 3 Month EUR-EURIBOR As agreed by counterparties		
As agreed by counterparties		
Minimum Increment Fixed notional; as agreed by counterparties	U	
Fixed notional Fixed notional; as agreed by counterparties		As agreed by counterparties
As agreed by counterparties		Fixed notional; as agreed by counterparties
Seil = Receive Fixed, Pay Float. Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor Swap Tenor Fixed ate on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par As determined by the Clearing Venue Trading Hours Oo:01 - 24:00 Sunday-Friday Eastern Time	Minimum Size	
Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 5 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trading Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate As determined by the Clearing Venue Trading Hours Outle Convention Settlement Time	Trading Conventions	Buy = Pay Fixed, Receive Float.
Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par As determined by the Clearing Venue Trading Hours On:01 - 24:00 Sunday-Friday Eastern Time	J	Sell = Receive Fixed, Pay Float.
Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 5 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours On:01 - 24:00 Sunday-Friday Eastern Time	Swap Conventions	Fixed Leg
Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 5 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Holiday Calendar: Target Business Day Counted on dates Floating Leg Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue	-	
Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 5 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time		Day Count Conventions: ACT/360
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Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 5 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time		Payment/Resets : Quarterly
Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 5 years The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time		Day Count Conventions: ACT/360
Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 5 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time		Holiday Calendar: Target
Swap Tenor5 yearsEffective DateThe date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments Also known as the start date of the swap.Maturity DateThe final date on which the obligations no longer accrue and the final payment occurs.Periodic Settlement: Payment and ResetsFixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap.First Fixing DateThe first Euribor Fixing Date is 2 Target business days prior to the Effective Date.Trade Start TypesInternational Money Market ("IMM") (next four IMM dates)Fixed RateParSettlement ProcedureAs determined by the Clearing VenueTrading Hours00:01 - 24:00 Sunday-Friday Eastern Time		
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Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Feriodic Settlement: Payment and Resets Floating Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Also known as the start date of the swap. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours	Swap Tenor	5 years
Maturity DateThe final date on which the obligations no longer accrue and the final payment occurs.Periodic Settlement: Payment and ResetsFixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap.First Fixing DateThe first Euribor Fixing Date is 2 Target business days prior to the Effective Date.Trade Start TypesInternational Money Market ("IMM") (next four IMM dates)Fixed RateParSettlement ProcedureAs determined by the Clearing VenueTrading Hours00:01 - 24:00 Sunday-Friday Eastern Time	Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Payment Frequency, Day		
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Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure O:01 - 24:00 Sunday-Friday Eastern Time	Payment and Resets	
Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time		
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Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time		
Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time		
Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time		
Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time		
Clearing Venue I.CH		
	Clearing Venue	LCH
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.		As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits As set in Part 151 of the CFTC Regulations	Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels As set in CFTC Regulation 15.03	Reportable Levels	As set in CFTC Regulation 15.03

RULE 1339. MAT IRS EUR Swap vs 3M IMM 6 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [FIXED F Ay] 5101 [INVINI STATUCTION INDIRECT
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg convencions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
.	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions; Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	6 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
1	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
	As set in CFTC Regulation 15.03

RULE 1340. MAT IRS EUR Swap vs 3M IMM 6 Years (LCH)

n Ticker E	an agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified otional over a term to maturity.
Ticker E	otional over a term to maturity.
	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	UR
	Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	as agreed by counterparties
	ixed notional; as agreed by counterparties
	as agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	ell = Receive Fixed, Pay Float.
	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 6	vears
	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date T	he final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: F	ixed Leg. The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	Count Convention and Fixed Interest Rate.
F	loating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
P	ayments are settled in accordance with payment frequency of the swap.
First Fixing Date T	he first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
3 1	nternational Money Market ("IMM") (next four IMM dates)
	ar
	as determined by the Clearing Venue
Trading Hours 0	0:01 - 24:00 Sunday-Friday Eastern Time
	CH
Block Size A	as set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits A	as set in Part 151 of the CFTC Regulations
Reportable Levels A	s set in CFTC Regulation 15.03

RULE 1341. MAT IRS EUR Swap vs 3M IMM 7 Years (CME)

	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
	EUR
0 411 0 110 1	3 Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	As agreed by counterparties
	Fixed notional; as agreed by counterparties
	As agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	7 years
	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
1	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
	CME
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1342. MAT IRS EUR Swap vs 3M IMM 7 Years (LCH)

ne	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified actional over a term to maturity.
I ICKCI L	EUR [Fixed Pay] 3M [IMM start/end month]
Currency E	EUR
	Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	is agreed by counterparties
	Fixed notional; as agreed by counterparties
	As agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 7	years
	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: F	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	Count Convention and Fixed Interest Rate.
F	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
P	ayments are settled in accordance with payment frequency of the swap.
First Fixing Date T	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types In	nternational Money Market ("IMM") (next four IMM dates)
	'ar
	As determined by the Clearing Venue
Trading Hours 0	0:01 - 24:00 Sunday-Friday Eastern Time
	CH
Block Size A	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	As set in Part 151 of the CFTC Regulations
Reportable Levels A	As set in CFTC Regulation 15.03

RULE 1343. MAT IRS EUR Swap vs 3M IMM 8 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	8 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1344. MAT IRS EUR Swap vs 3M IMM 8 Years (LCH)

no Ticker EU Currency EU	a agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified tional over a term to maturity. JR [Fixed Pay] 3M [IMM start/end month]
Ticker EU Currency EU	JR [Fixed Pay] 3M [IMM start/end month]
Currency EU	
	TP.
	Month EUR-EURIBOR
	a greed by counterparties
Minimum Increment	agreed by counterparties
	xed notional; as agreed by counterparties
	agreed by counterparties
	y = Pay Fixed, Receive Float.
	Il = Receive Fixed, Pay Float.
	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 8 y	years .
	e date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	so known as the start date of the swap.
Maturity Date Th	e final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Fix	xed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	ount Convention and Fixed Interest Rate.
Flo	pating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	by Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Pa	yments are settled in accordance with payment frequency of the swap.
First Fixing Date Th	e first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
V 1	ternational Money Market ("IMM") (next four IMM dates)
Fixed Rate Pa	
	determined by the Clearing Venue
Trading Hours 00	:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue LC	
Block Size As	set forth in Appendix F to Part 43 of the CFTC Regulations.
	set in Part 151 of the CFTC Regulations
Reportable Levels As	set in CFTC Regulation 15.03

RULE 1345. MAT IRS EUR Swap vs 3M IMM 9 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	The age of the state of the sta
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (Et : D (Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1346. MAT IRS EUR Swap vs 3M IMM 9 Years (LCH)

7	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
	EUR [Fixed Pay] 3M [IMM start/end month]
	EUR
0	3 Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	As agreed by counterparties
	Fixed notional; as agreed by counterparties
	As agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions; ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	Count Convention and Fixed Interest Rate.
J	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
I	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
V I	International Money Market ("IMM") (next four IMM dates)
	Par
	As determined by the Clearing Venue
Trading Hours (00:01 - 24:00 Sunday-Friday Eastern Time
	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1347. MAT IRS EUR Swap vs 3M IMM 10 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	The agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
o de la companya de	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	10 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Decimants are settled in accordance with necessary of the aven
First Fixing Data	Payments are settled in accordance with payment frequency of the swap. The first Furihor Fixing Date is 2 Target business days prior to the Effective Date.
First Fixing Date	- The first Europe I faing Bute is 2 Turget business days prior to the Errecute Bute.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1348. MAT IRS EUR Swap vs 3M IMM 10 Years (LCH)

n	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified actional over a term to maturity.
	otional over a term to maturity.
TICKCI	EUR [Fixed Pay] 3M [IMM start/end month]
Currency E	EUR
	Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	is agreed by counterparties
	Fixed notional; as agreed by counterparties
	As agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 1	0 years
	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: F	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
P	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date T	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types In	nternational Money Market ("IMM") (next four IMM dates)
Fixed Rate P	Par
Settlement Procedure A	As determined by the Clearing Venue
Trading Hours 0	00:01 - 24:00 Sunday-Friday Eastern Time
	CH
Block Size A	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	As set in Part 151 of the CFTC Regulations
Reportable Levels A	As set in CFTC Regulation 15.03

RULE 1349. MAT IRS EUR Swap vs 3M IMM 20 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
*	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
-	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
~ p	As set in CFTC Regulation 15.03

RULE 1350. MAT IRS EUR Swap vs 3M IMM 20 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	5
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1351. MAT IRS EUR Swap vs 3M IMM 30 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [Fixed Fay] 5W [INWI Stational Month]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap Conventions	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
1 ayment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Flouring interest rate index and Flouring reset Bates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	110 bet in C1 10 regulation 15.05

RULE 1352. MAT IRS EUR Swap vs 3M IMM 30 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	715 agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
S	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
_	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
71 . 71 . 7	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par Chair Hada Chair M
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1353. MAT IRS EUR Swap vs 6M IMM 2 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	5
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1354. MAT IRS EUR Swap vs 6M IMM 2 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	ns agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
S	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
E' (E' ' D (Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates)
Trade Start Types Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	As set form in Appendix F to Part 45 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Speculative Limits	E
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1355. MAT IRS EUR Swap vs 6M IMM 3 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	3 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1356. MAT IRS EUR Swap vs 6M IMM 3 Years (LCH)

Ticker EUR [Fixed Pay] 6M [IMM start/end month] Currency EUR Floating Rate Index 6 Month EUR-EURIBOR Quoting Convention and Minimum Increment Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Minimum Size As agreed by counterparties Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates	Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Ticker EUR Fixed Pay 6M [IMM start/end month]	Contract Overview	
Currency EUR Gold Month EUR-EURIBOR As agreed by counterparties	Ticker	
Floating Rate Index G Month EUR-EURIBOR		
As agreed by counterparties		
Minimum Increment Fixed notional; as agreed by counterparties	U	
Fixed notional Fixed notional; as agreed by counterparties		As agreed by counterparties
Swap Conventions		Fixed notional; as agreed by counterparties
Sell = Receive Fixed, Pay Float.	Minimum Size	As agreed by counterparties
Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Settlement Procedure Trading Hours Out-1 - 24:00 Sunday-Friday Eastern Time LCH LCH Fixed Leg Payment: Anatyles Holiday Calendar: Target Payment and payment frequency Active Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Out-1 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH	Trading Conventions	Buy = Pay Fixed, Receive Float.
Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Settlement Procedure As determined by the Clearing Venue Trading Hours Clearing Venue LCH	S	Sell = Receive Fixed, Pay Float.
Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Oo:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH	Swap Conventions	Fixed Leg
Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Clearing Venue LCH	-	
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Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time LCH	Swap Tenor	
Maturity DateThe final date on which the obligations no longer accrue and the final payment occurs.Periodic Settlement: Payment and ResetsFixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap.First Fixing DateThe first Euribor Fixing Date is 2 Target business days prior to the Effective Date.Trade Start TypesInternational Money Market ("IMM") (next four IMM dates)Fixed RateParSettlement ProcedureAs determined by the Clearing VenueTrading Hours00:01 - 24:00 Sunday-Friday Eastern TimeClearing VenueLCH	Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Periodic Settlement: Payment and ResetsFixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap.First Fixing DateThe first Euribor Fixing Date is 2 Target business days prior to the Effective Date.Trade Start TypesInternational Money Market ("IMM") (next four IMM dates)Fixed RateParSettlement ProcedureAs determined by the Clearing VenueTrading Hours00:01 - 24:00 Sunday-Friday Eastern TimeClearing VenueLCH		
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Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time LCH LCH		
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Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH		
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Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH		
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Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH		
Clearing Venue LCH		
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.	Clearing Venue	= * · ·
	Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits As set in Part 151 of the CFTC Regulations	Speculative Limits	
Reportable Levels As set in CFTC Regulation 15.03	Reportable Levels	As set in CFTC Regulation 15.03

RULE 1357. MAT IRS EUR Swap vs 6M IMM 4 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	4 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
First Firing Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates) Par
Settlement Procedure	"
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	\$1.00 m
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1358. MAT IRS EUR Swap vs 6M IMM 4 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR [FIXED 1 Ay] OW [INVINI STATUCING MORITI]
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	4 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
·	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1359. MAT IRS EUR Swap vs 6M IMM 5 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	The age of the state of the sta
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	5 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1360. MAT IRS EUR Swap vs 6M IMM 5 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	5 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1361. MAT IRS EUR Swap vs 6M IMM 6 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	6 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (Et ! D)	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1362. MAT IRS EUR Swap vs 6M IMM 6 Years (LCH)

Ticker EUI Currency EUI Floating Rate Index 6 M	
Ticker EUI Currency EUI Floating Rate Index 6 M	R [Fixed Pay] 6M [IMM start/end month]
Currency EUI Floating Rate Index 6 M	R
Floating Rate Index 6 M	
	onth EUR-EURIBOR
	agreed by counterparties
Quoting Convention and As a Minimum Increment	agreed by counterparties
	ed notional; as agreed by counterparties
	agreed by counterparties
	= Pay Fixed, Receive Float.
	= Receive Fixed, Pay Float.
	xed Leg
	yment: Annual
	ay Count Conventions: ACT/360
	oliday Calendar: Target
	usiness Day Conventions; Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 6 ye	
	date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	o known as the start date of the swap.
Maturity Date The	final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Fixe	ed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	ant Convention and Fixed Interest Rate.
Floa	ating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	-
Pay	ments are settled in accordance with payment frequency of the swap.
First Fixing Date The	first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
V 1	rnational Money Market ("IMM") (next four IMM dates)
Fixed Rate Par	
	determined by the Clearing Venue
Trading Hours 00:0	01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue LCI	
Block Size As s	set forth in Appendix F to Part 43 of the CFTC Regulations.
	set in Part 151 of the CFTC Regulations
Reportable Levels As s	set in CFTC Regulation 15.03

RULE 1363. MAT IRS EUR Swap vs 6M IMM 7 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions; Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	7 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
G 7	
Speculative Limits	As set in Part 151 of the CFTC Regulations As set in CFTC Regulation 15.03

RULE 1364. MAT IRS EUR Swap vs 6M IMM 7 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
J	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	7 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1365. MAT IRS EUR Swap vs 6M IMM 8 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Ouarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	8 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1366. MAT IRS EUR Swap vs 6M IMM 8 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	Tis agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
S	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
_	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	8 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (Et t D (Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates) Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1367. MAT IRS EUR Swap vs 6M IMM 9 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
	EUR [Fixed Pay] 6M [IMM start/end month]
	EUR EUR
	6 Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	As agreed by counterparties
	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
.	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1368. MAT IRS EUR Swap vs 6M IMM 9 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR [Fixed Fay] owr [INNIN stativend month]
	6 Month EUR-EURIBOR
Floating Rate Index	As agreed by counterparties
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notionals as a great by accustomentics
Minimum Size	Fixed notional; as agreed by counterparties As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Sell = Receive Fixed, Pay Float. Fixed Leg
Swap Conventions	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Base	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1369. MAT IRS EUR Swap vs 6M IMM 10 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	10 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	D () (I) I (I) (I) (I)
F:4 F:: D-4-	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates)
Settlement Procedure	Par
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1370. MAT IRS EUR Swap vs 6M IMM 10 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	10 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1371. MAT IRS EUR Swap vs 6M IMM 12 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	12 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Demonstration and ladin and an exist account for a contract for a
First Fixing Date	Payments are settled in accordance with payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00:01 - 24:00 Sunday-Friday Eastern Time
Trading Hours	CME
Clearing Venue Block Size	\$1.00 P
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1372. MAT IRS EUR Swap vs 6M IMM 12 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap conventions	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	12 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Encoure Bute	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1373. MAT IRS EUR Swap vs 6M IMM 15 Years (CME)

n Ticker E Currency E	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified optional over a term to maturity. EUR [Fixed Pay] 6M [IMM start/end month]
Ticker E Currency E	
Currency E	CON 11 INCUIT AND ONE INVITED STATE CHILD HIGHLIN
0 000 1 0000 j	BUR
Floating Rate Index 6	Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	is agreed by counterparties
	Fixed notional; as agreed by counterparties
	As agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 1	5 years
	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: F	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	Count Convention and Fixed Interest Rate.
	Cloating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
P	ayments are settled in accordance with payment frequency of the swap.
	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types In	nternational Money Market ("IMM") (next four IMM dates)
	'ar
Settlement Procedure A	As determined by the Clearing Venue
Trading Hours 0	10:01 - 24:00 Sunday-Friday Eastern Time
	CME
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	As set in Part 151 of the CFTC Regulations
Reportable Levels A	As set in CFTC Regulation 15.03

RULE 1374. MAT IRS EUR Swap vs 6M IMM 15 Years (LCH)

Ticker E Currency E	an agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified otional over a term to maturity. UR [Fixed Pay] 6M [IMM start/end month] UR
Ticker E Currency E	UR [Fixed Pay] 6M [IMM start/end month]
Currency E	
	UK
rivating Nate index	Month EUR-EURIBOR
	s agreed by counterparties
Minimum Increment	is agreed by counterparties
	ixed notional; as agreed by counterparties
	as agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	ell = Receive Fixed, Pay Float.
	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 1:	5 years
	he date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	also known as the start date of the swap.
	he final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Fi	ixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	ount Convention and Fixed Interest Rate.
	loating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
P	ayments are settled in accordance with payment frequency of the swap.
	he first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types In	nternational Money Market ("IMM") (next four IMM dates)
Fixed Rate Pa	ar
Settlement Procedure A	s determined by the Clearing Venue
Trading Hours 00	0:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue L	СН
	s set forth in Appendix F to Part 43 of the CFTC Regulations.
	s set in Part 151 of the CFTC Regulations
Reportable Levels A	s set in CFTC Regulation 15.03

RULE 1375. MAT IRS EUR Swap vs 6M IMM 20 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR FIXED F Ay JOHN [INVINI STATUCING MICHIN]
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg convencions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
· · · · · · ·	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions; Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
	As set in CFTC Regulation 15.03

RULE 1376. MAT IRS EUR Swap vs 6M IMM 20 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	D 4 M 1: 1 M 46 CH
First Firing Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates)
Settlement Procedure	Par
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1377. MAT IRS EUR Swap vs 6M IMM 30 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg convencions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
.	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions; Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
	As set in CFTC Regulation 15.03

RULE 1378. MAT IRS EUR Swap vs 6M IMM 30 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	Tis agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
S	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
_	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (Et t E)	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par Land Chair W
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

CHAPTER 14.FX CONTRACTS TERMS AND CONDITIONS

RULE 1401. FX Contract – Non-Deliverable Forward

Contract Overview	A non-deliverable forward (NDF) is an outright forward in which counterparties settle the difference between
	the contracted NDF price or rate and the prevailing spot price or rate on an agreed notional amount.
Reference Currency	Non-deliverable currency
	BRL Brazilian Real
	ARS Argentine Peso
	CNY Chinese Renminbi
	IDR Indonesian Rupiah
	INR Indian Rupee
	KRW South Korean Won
	MYR Malaysian Ringgit
	PHP Philippine Peso
	TWD Taiwan Dollar
	VND Vietnamese đồng
	EGP Egyptian pound
	RUB Russian ruble
	KZT Kazakh tenge
	CLP Chilean Peso
	COP Colombian Peso
	PEN Peruvian nuevo sol
	UAH Ukrainian hryvnia
	NGN Nigerian naira
	GHS Ghanaian cedi
	PKR Pakistani rupee
Settlement Currency	See currency list below
Quoting Convention and	Notional amount, as agreed by counterparties
Minimum Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which contract size is expressed in
Trading Conventions	Buy or Sell which refers to the contract size expressed in notional currency
Forward Rate	Currency Exchange rate expressed as the amount of Reference currency per unit of Settlement currency
Trade Date	The date on which parties enter into the contract
Settlement Date	Specified settlement or payment date
Fixing Date	The date at which the difference between the prevailing market exchange rate and the agreed upon exchange
	rate is calculated.
Settlement Procedure	Bilateral settlement performed in settlement currency based on the exchange rate published by sources set forth
	in Attachment B hereto.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1402. FX Contract – Vanilla FX Option

Contract Overview A foreign-exchange option (commonly shortened to just FX option or currency option) is a derivative financial instruction that gives the owner the right but not the obligation to exchange money denominated in one currency into another currency a pre-agreed exchange rate on a specified date. Trade Date Option Style A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in An American / European A European option on the other hand may be exercised at any time before the expiration date. Put/ Call Call option – the right to buy an asset at a fixed date and price. Put Currency Put Currency for call option Currency for put option Strike Price Expiration Date Expiration Time Settlement Date Premium Premium Currency in which option contract expires Settlement Date Premium Premium Date Outing Date on which premium amount is due Outing Notional amount, as agreed by counterparties	
a pre-agreed exchange rate on a specified date. Trade Date Option Style American / European A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in An American option on the other hand may be exercised at any time before the expiration date. Option Type Put/ Call Call option – the right to buy an asset at a fixed date and price. Put option – the right to sell an asset a fixed date and price. Currency Currency for put option Strike Price Expiration Date Expiration Time Settlement Date Settlement Date Premium Premium currency Premium Currency in which option contract Premium Currency in which option premium is expressed in Currency in which option premium is expressed in Outonal amount, as agreed by counterparties	
Trade Date Option Style American / European A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in An American option on the other hand may be exercised at any time before the expiration date. Option Type Put/ Call Call option – the right to buy an asset at a fixed date and price. Put option – the right to sell an asset a fixed date and price. Call Currency Currency for call option Strike Price Expiration Date Expiration Time Settlement Date Settlement Date Premium Premium currency Premium Currency Premium Date on which parties enter into the contract American / European A European option may be exercised only at the expiration date of the option on the other hand may be exercised at any time before the expiration date. Promium Premium premium amount expiration on the other hand may be exercised at any time before the option date. Premium Premium amount expiration on the other hand may be exercised at any time before the option date. Premium Date Date at which option Premium amount expressed in premium currency Premium Date Date on which premium amount is due Quoting Notional amount, as agreed by counterparties	cy at
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• An American option on the other hand may be exercised at any time before the expiration date. Option Type Put/ Call • Call option – the right to buy an asset at a fixed date and price. • Put option – the right to sell an asset a fixed date and price. Call Currency Currency for call option Put Currency Strike Price Expiration Date Expiration Time Settlement Date Settlement Date Premium Premium Currency in which option premium is expressed in currency Premium Date Date on which premium amount is due Quoting Notional amount, as agreed by counterparties	
Option Type Put/ Call Call option – the right to buy an asset at a fixed date and price. Put option – the right to sell an asset a fixed date and price. Call Currency Currency for call option Put Currency Strike Price The exchange rate agreed upon inception of the contract at which the investor can exercise an option. Expiration Date Expiration Time Settlement Date Settlement Date Premium Premium amount expressed in premium currency Premium Date Outing Date on which premium amount is due Outing Notional amount, as agreed by counterparties	time.
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Put option – the right to sell an asset a fixed date and price. Call Currency	
Put option – the right to sell an asset a fixed date and price. Call Currency	
Call Currency Currency for call option Put Currency Currency for put option Strike Price The exchange rate agreed upon inception of the contract at which the investor can exercise an option. Expiration Date Date at which option contract expires Expiration Time Time at which option contract expires Settlement Date Settlement date of the option contract Premium Premium amount expressed in premium currency Premium Currency Currency in which option premium is expressed in Currency Date on which premium amount is due Quoting Notional amount, as agreed by counterparties	
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currency Premium Date Date on which premium amount is due Quoting Notional amount, as agreed by counterparties	
Quoting Notional amount, as agreed by counterparties	
Convention	
and Minimum	
Increment	
Minimum Size Notional amount, as agreed by counterparties	
Notional Currency in which contract size is expressed in	
Currency	
Settlement Bilateral settlement performed in settlement currency	
Procedure	
Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time	
Clearing Venue Bilateral	
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.	
As sectional in Appendix 1 to 1 art 45 of the CFTC Regulations.	
Speculative As set in Part 151 of the CFTC Regulations	
Limits	
Reportable As set in CFTC Regulation 15.03	
Levels	

RULE 1403. FX Contract – Exotic FX Option

Contract Overview	An exotic foreign-exchange option is an option which has more than one trigger relating to the determination of the
Contract Over view	payoff.
Trade Date	The date on which parties enter into the contract
Option Style	American / European
op	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point
	in time.
	 An American option on the other hand may be exercised at any time before the expiration date.
Option Type	Put/ Call
	Call option – the right to buy an asset at a fixed date and price.
	 Put option – the right to sell an asset a fixed date and price.
Call Currency	Currency for call option
Put Currency	Currency for put option
Strike Price	The currency exchange rate at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Barrier Low	Pre-set low <i>barrier level</i> either springs the option into existence or extinguishes an already existing option.
Barrier High	Pre-set high <i>barrier level</i> either springs the option into existence or extinguishes an already existing option.
Barrier Style	American / European
Barrier Direction	
	The four types of barrier options are:
	• Up-and-out: spot price starts below the barrier level and has to move up for the option to be knocked out.
	Down and not make the bound about the bound of the bound
	• Down-and-out : spot price starts above the barrier level and has to move down for the option to become
	null and void.
	• Up-and-in: spot price starts below the barrier level and has to move up for the option to become activated.
	• Down-and-in : spot price starts above the barrier level and has to move down for the option to become
	activated.
Expiration Time	Time at which option contract expires (cut off time)
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which option premium is expressed in
Premium Date	Date on which premium amount is due
Quoting Convention	Notional amount, as agreed by counterparties
and Minimum	
Increment	
Notional Currency	Currency in which contract size is expressed in
Settlement Procedure	Bilateral settlement performed in settlement currency
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1404. FX Contract – Precious Metals

Contract Overview	A precious metals contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference Commodities	 Gold Silver Palladium Platinum
Contracts on Reference Commodities	NYMEX Palladium NYMEX Platinum COMEX Gold COMEX Silver ICE Gasoil (Monthly)
Settlement Currency	A currency listed below.
Quoting Convention and Minimum Increment	Notional amount, as agreed by counterparties
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	A currency listed below.
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Calculation Period	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can be netted)
Settlement Procedure	Bilateral cash settlement performed in settlement currency
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1405. FX Contract – Average Rate Forward

Contract Overview	A
Contract Overview	An average rate forward allows the buyer the ability to create a hedge rate for a future exposure by locking in forward
	points and a spot rate. At some point in the future, there is an averaging period of daily spot observations to determine an
	average rate which, when compared to the hedge rate, will set the payout. Unlike options, this hedge tool is a forward
	contract and has no premium cost associated with it.
Currency Pair	Underlying currency instrument composed of ISO currency codes (ISO 4217) of the base currency and the counter
	currency, separating them with a slash character; see currency list below
Settlement Currency	See currency list below
Quoting Convention	Notional amount, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	\$1
Notional Currency	Currency in which contract size is expressed
Trading Conventions	Buy or Sell which refers to the contract size expressed in notional currency
9	
Forward Rate	Currency Exchange rate expressed as the amount of Reference currency per unit of Settlement currency
Trade Date	The date or which continues into the control
1 rade Date	The date on which parties enter into the contract
Settlement Date	Settlement or payment date
Fixing Date	End of observation period specified by counterparties
Frequency	Observation frequency specified by counterparties
Settlement	Bilateral settlement performed in settlement currency based on the exchanges rate published by either Bloomberg (BFIX)
Procedure	or Reuters (WM/Reuters)
Trading Hours	00:01 - 24:00 Sunday-Friday (Eastern Time)
Traumg Hours	00.01 24.00 Sunday (Fusion Time)
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	rr
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03
reportable Levels	110 Det Total III Of To Togalation 15.05

RULE 1406. FX Contract – ARS Non-Deliverable Forward

Contract Overview	A non-deliverable forward (NDF) is an outright forward in which counterparties settle the difference between
	the contracted NDF price or rate and the prevailing spot price or rate on an agreed notional amount.
Reference Currency (i.e.,	ARS Argentine Peso
Non-Deliverable Currency)	
Settlement Currency	USD
Quoting Convention and	Notional amount, as agreed by counterparties
Minimum Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which contract size is expressed in, as agreed by counterparties
Trading Conventions	Buy or Sell, which refers to the contract size expressed in notional currency
Forward Rate	Currency Exchange rate expressed as the amount of Reference currency per unit of Settlement Currency
Trade Date	The date on which parties enter into the contract
Settlement Date	Specified settlement or payment date, as agreed by counterparties
Fixing Date	The date at which the difference between the prevailing market exchange rate and the agreed upon exchange
	rate is calculated.
Settlement Procedure	Bilateral settlement performed in settlement currency based on the EMTA ARS Industry Survey Rate / EMTA
	ARS Indicative Survey Rate (secondary); BFIX or BGN.
Trading Hours	00:01 - 24:00 (ET), Sunday-Friday
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

In addition to the above, and subject to Bloomberg SEF Rule 523, all of the template terms for the confirmation of an NDF transaction in the currency pair that is the subject of a particular Swap, as the term Swap is defined in BSEF's rules, as recommended by EMTA, Inc. ("EMTA") or a recognized successor (such template terms in effect on the Effective Date and published and available at www.emta.org or any successor website, the "Relevant EMTA Template") shall apply to such Swap. For the avoidance of doubt, if the Relevant EMTA template becomes effective after the Effective Date of a Swap, such Relevant EMTA Template shall not apply to or amend the terms of such Swap.

CHAPTER 15.COMMODITIES CONTRACTS TERMS AND CONDITIONS

RULE 1501. Commodities – Fixed/Floating Strip Contract

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets) combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The
	strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference	Zinc
Commodities	Aluminum
	Aluminum Alloy
	• Copper
	Nickel
	• Tin
	• Lead
	Steel Billet
	Live Cattle
	• Corn
	Wheat
	Copper
	• Gold
	• Silver
	Henry Hub Natural Gas
	Waha Natural Gas
	Permian Natural Gas Basis Swap
	New York Harbor Heating Oil
	WTI Crude Palladium
	• Platinum
	Iron Ore Gasoil
	Gason Brent Crude
	Brent Crude TTF Natural Gas
Contracts on	LME Zinc
Reference	LIME ZINC LME Aluminum
Commodities	LIME Aluminum LME Aluminum Alloy
	LME Copper
	LME Nickel
	• LME Tin
	LME Lead
	LME Steel Billet
	BM&F Bovespa Live Cattle
	CBOT Corn
	CBOT Wheat
	NYMEX Henry Hub Natural Gas (Index Swap Future)
	NYMEX Waha Natural Gas Basis Swap
	NYMEX Permian Natural Gas Basis Swap
	NYMEX New York Harbor Heating Oil
	NYMEX WTI Crude
	NYMEX Palladium
	NYMEX Platinum
	NYMEX Iron Ore
	COMEX Copper
	COMEX Gold
	COMEX Silver ICE Gasoil (Monthly)
	ICE Brent Crude (Monthly)
	ICE TTF Natural Gas (Monthly)
Settlement Currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
Quoting Convention	KRW Notional amount per striplet, as agreed by counterparties
and Minimum	rotional amount per striplet, as agreed by counterparties
Increment	293
Minimum Size	Notional amount per striplet, as agreed by counterparties
	Committee and the state of the
Notional Currency	Currency in which the fixed and floating prices are diloted.
Notional Currency	Currency in which the fixed and floating prices are quoted: USD
Notional Currency	
Notional Currency	• USD • EUR
Notional Currency	USDEUR
Notional Currency	USDEURGBP

RULE 1502. Commodities – Fixed/Floating Swap Contract

Contract	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to
Contract Overview	pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating
Overview	amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity
	traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity
	and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference	• Zinc
Commodities	Aluminum
	Aluminum Alloy
	• Copper
	Nickel
	• Tin
	• Lead
	Steel Billet
	Live Cattle
	• Corn
	• Wheat
	• Copper
	• Gold
	• Silver
	Henry Hub Natural Gas
	Waha Natural Gas
	Permian Natural Gas Basis Swap New York Harker Heating Oil
	New York Harbor Heating Oil WITH Crushs
	WTI Crude Palladium
	Platinum Iron Ore
	Iron Ore Gasoil
	 Brent Crude TTF Natural Gas
Contracts on	LME Zinc
Reference	LME Aluminum
Commodities	LME Aluminum LME Aluminum Alloy
	LME Copper
	LME Nickel
	• LME Tin
	• LME Lead
	LME Steel Billet
	BM&F Bovespa Live Cattle
	CBOT Corn
	CBOT Wheat
	NYMEX Henry Hub Natural Gas (Index Swap Future)
	NYMEX Waha Natural Gas Basis Swap
	NYMEX Permian Natural Gas Basis Swap
	NYMEX New York Harbor Heating Oil
	NYMEX WTI Crude
	NYMEX Palladium
	NYMEX Platinum
	NYMEX Iron Ore
	COMEX Copper
	COMEX Gold
	COMEX Silver ICE Gasoil (Monthly)
	ICE Brent Crude (Monthly)
	ICE TTF Natural Gas (Monthly)
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL PLN
	• SEK
	KRW Notional amount, as agreed by counterparties 296
Onotin-	inotional amount, as agreed by counterparties 290
Quoting	
Convention	230
Convention and Minimum	
Convention and Minimum Increment	
Convention and Minimum Increment Minimum Size	Notional amount, as agreed by counterparties
Convention and Minimum Increment	
Convention and Minimum Increment Minimum Size Notional	Notional amount, as agreed by counterparties Currency in which the fixed and floating prices are quoted:

RULE 1503. Commodities – Date Spread Contract

Contract Overview	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated futures contracts over a calculation period of a given reference commodity.
Reference Commodities	 Zinc Aluminum Aluminum Alloy Copper Nickel Tin Lead Steel Billet Live Cattle Corn Wheat Copper Gold Silver Henry Hub Natural Gas Waha Natural Gas Permian Natural Gas Basis Swap New York Harbor Heating Oil WTI Crude Palladium Platinum Iron Ore Gasoil Brent Crude
Contracts on Reference Commodities	 TTF Natural Gas LME Zinc LME Aluminum LME Aluminum Alloy LME Copper LME Nickel LME Tin LME Lead LME Steel Billet BM&F Bovespa Live Cattle CBOT Corn CBOT Wheat NYMEX Henry Hub Natural Gas (Index Swap Future) NYMEX Waha Natural Gas Basis Swap NYMEX Permian Natural Gas Basis Swap NYMEX New York Harbor Heating Oil NYMEX WIT Crude NYMEX Palladium NYMEX Platinum NYMEX Copper COMEX Gold COMEX Gold COMEX Gold COMEX Glos (Monthly) ICE Brent Crude (Monthly) ICE TTF Natural Gas (Monthly)
Settlement Currency	Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY

	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• IPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second
Conventions	leg must be selling, for instance.
Conventions	leg must be sening, for instance.
Calculation	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference
Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
1 (1104(5)	private or the commonly will be calculated. It is used takings and test of the private will be a verified as the control of th
Trade Date	The date on which counterparties enter into the contract
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1504. Commodities – Options Zinc Contract

	,
Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
*	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Zinc
Commodities	Zinc
Contracts on	LME Zinc
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
~	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	surp can have no own notional amount which is aggregated into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR • GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1505. Commodities – Options Aluminum Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Determine the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period.
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Aluminum
Commodities	Atunmum
Contracts on	LME Aluminum
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	1

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1506. Commodities – Options Aluminum Alloy Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	 Put/ Call Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	Aluminum Alloy
Contracts on Reference Commodities	LME Aluminum Alloy
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Premium Date	Date on which premium amount is due
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency
Settlement	Currency in which the settlement payment is made
Currency	USD
Carrency	• EUR
	• GBP
	• CAN

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1507. Commodities – Options LME Copper Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
option style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference Commodities	• Copper
Commodities	
Contracts on	LME Copper
Reference	
Commodities Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation Feriod	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium Premium currency	Premium amount expressed in premium currency Currency in which payments are made between the two counterparties:
Fremum currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
Premium Date	KRW Date on which premium amount is due
Quoting Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	1. Todorial amount of the underlying commodity. Drampies metade parters, metre tons, pushers, while 105, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure Settlement	Currency in which the settlement payment is made
Currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1508. Commodities – Options Nickel Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in
	exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed
	strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
Tuada Data	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract American / European / APO
Option Style	
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Nickel
Commodities	
Contracts on	LME Nickel
Reference	END NOW
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
Duamium D-4-	• KRW
Premium Date Quoting	Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	rotional amount of the underlying commounty. Examples include variets, metric tons, busilets, ivivid LOS, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1509. Commodities – Options Tin Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	• Tin
Commodities	
Contracts on	LME Tin
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	- 0.11

Trading Hours	BRI PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1510. Commodities – Options Lead Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Lead
Commodities	Lead
Contracts on	LME Lead
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	PLN
	SEK
	KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	- 0.11

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Trauling Hours	00.01 -24.00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1511. Commodities – Options Steel Billet Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
. ,	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Steel Billet
Commodities	
Contracts on	LME Steel Billet
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
·	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Quoting Convention	rotional amount of the underlying commounty. Examples include batters, metric tons, business, ivivid LOS, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	Dialoral seatement performed in seatement currency
Settlement	Currency in which the settlement payment is made
Currency	USD USD
Currency	
	• EUR
	- CDD
	• GBP
	• CAN

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1512. Commodities – Options Live Cattle Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
орион Турс	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
-	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Live Cattle
Commodities	
Contracts on	BM&F Bovespa Live Cattle
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	- 0.11

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1513. Commodities – Options Corn Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Corn
Commodities	
Contracts on	CBOT Corn
Reference	· CBOT Com
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Carculation 1 criou	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Trice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Date Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
1 Tellium currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1514. Commodities – Options Wheat Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in
	exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed
	strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
option style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
Ontion Side	commodity over the period Buy or Sell, which refers to whether or not the option premium is paid
Option Side	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Wheat
Commodities	
Contracts on	CDOT What
Reference	CBOT Wheat
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date Premium	Settlement date of the option contract
	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties: • USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1515. Commodities – Options Henry Hub Natural Gas Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Henry Hub Natural Gas
Commodities	
Contracts on	NYMEX Henry Hub Natural Gas
Reference	N I MEX ITCH y I Tuo Natural Gas
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation 1 eriou	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Trice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Date Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
r remnum currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	· · · ·

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1516. Commodities – Options Waha Natural Gas Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	 Put/ Call Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference Commodities	Waha Natural Gas
Contracts on	NYMEX Waha Natural Gas Basis Swap
Reference	The state of the s
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation Feriou	price will be averaged across all days.
Ct 'l D'	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Price	
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1517. Commodities – Options Permian Natural Gas Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
T 1 D 4	
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Permian Natural Gas Basis Swap
Commodities	1 Chinan Naturai Gas Basis Swap
Contracts on	NYMEX Permian Natural Gas Basis Swap
Reference	·
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Trice	exercise an option.
Expiration Date	Date at which option contract expires
	Time at which option contract expires
Expiration Time Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	• PLN
	SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	periodical desirency
Settlement	Currency in which the settlement payment is made
Currency	USD
- Surrolley	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1518. Commodities – NY Harbor Heating Oil Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
option style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
D. C	or the underlying striplets.
Reference Commodities	New York Harbor Heating Oil
Contracts on	NYMEX New York Harbor Heating Oil
Reference	TV TVILAX NOW TOTA HIGHOUT HEARING OIL
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL PLN
	• PLN • SEK
	• SEK • KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	2
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1519. Commodities – Options WTI Crude Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
-	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	WTI Crude
Commodities	,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,
Contracts on	NYMEX WTI Crude
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	- 0.11

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1520. Commodities – Options Palladium Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
opuon 1,pc	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Palladium
Commodities	
Contracts on	NYMEX Palladium
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	- 0.11

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1521. Commodities – Options Platinum Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Platinum
Commodities	
Contracts on	NYMEX Platinum
Reference	N I MEX Flatinum
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation 1 eriou	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Date Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
r remain currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
,	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	▼ Ciir

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1522. Commodities – Options Iron Ore Contract

exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-as strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applic futures contract over a calculation period of a given reference commodity. Trade Date Option Style American / European / APO A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised the expiration date at the end of the Calculation Period of the option Option Type Put/ Call Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of commodity over the period		
Trade Date	Contract Overview	
Trade Date The date on which parties enter into the contract		commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
American / European / APO		
A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point time. An Anterican option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercise the expiration date at the end of the Calculation Period of the option Put/ Call	Trade Date	The date on which parties enter into the contract
time. A A American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercise the expiration date at the end of the Calculation Period of the option Pul Call Put Option - the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity and pay the floating market price per unit of a commodity or received (self). Direction can be specified for either the strip or the underlying striplets. Strike Price A single date or date range over which the reference price of the commodity will be calculated. If a date range the refer price will be averaged across all days. Strike Price A single date or date range over which the reference price of the commodity will be calculated. If a date range the refer price will be averaged across all days. Strike Price A single date or date range over which the reference price of the commodity will be calculated. If a date range the refer price will be averaged across all days. Strike Price A single date or date range over which the reference price of the commodity will be calculated. If a date range the refer will be averaged across all days. Strike Price Set	Option Style	American / European / APO
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Put Call		• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
Call option—the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of commodity over the period Put option—the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Commodities Contracts on Reference Commodities Calculation Period A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Expiration Time Expiration Time Settlement Date Premium Premium aumunt expressed in premium currency Currency in which payments are made between the two counterparties: USD EUR Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Init Voitonal amount, as agreed by counterparties Motional Unit Voitonal amount, as agreed by counterparties Voitonal amount, as agreed by counterparties Bilateral settlement performed in settlement currency Currency in which the settlement payment is made Currency Currency in which the settlement payment is made Currency Voitonal amount, as agreed by counterparties Notional Unit USD USD USD Currency in which the settlement payment is made Currency Currency in which the settlement payment is made Currency in which the settlement payment is made Currency Vuly in the calculated for either the strip Fremium and pay the floating parties in the option contract are price of the commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, esc.	Ontion Type	
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Reference Commodities		
Commodities Calculation Period	Contracts on	NYMEX Iron Ore
A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Strike Price	Reference	
Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Expiration Date Date at which option contract expires	Commodities	
Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Expiration Date Date at which option contract expires	Calculation Period	
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Date at which option contract expires		
Time at which option contract expires	Expiration Date	
Settlement Date Premium amount expressed in premium currency		
Premium currency Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties Notional Unit Settlement Procedure Settlement Currency Currency in which payments are made between the two counterparties: USD EUR BRL PLN SEK KRW Premium Date Notional amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Settlement Procedure Currency in which the settlement payment is made USD EUR		
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- JPY - CHF - BRL - PLN - SEK - KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency - USD - EUR		
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• BRL • PLN • SEK • KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional unit Notional Unit Settlement Procedure Settlement Currency • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Convention and Minimum Size Notional amount, as agreed by counterparties Notional Unit Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Currency in which the settlement currency • USD • EUR		
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Vinit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement Procedure Settlement Currency USD EUR		
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Notional Unit Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD • EUR		
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional unit Settlement Procedure Settlement Currency Oute on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional unit build unit which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR		
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Quoting Convention and Minimum Increment Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Minimum Size Notional Unit Settlement Procedure Notional Currency Notional amount, as agreed by counterparties Settlement Currency Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made • USD • EUR	Dramium Data	··
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Currency Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, e Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR		
and Minimum Increment Notional amount, as agreed by counterparties Notional Unit Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, expressed in settlement currency Settlement Procedure Bilateral settlement performed in settlement currency Settlement Currency Currency in which the settlement payment is made • USD • EUR		rotional amount of the underlying commounty. Examples include barrets, metric tons, busilets, wivid FUS, etc.
Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, e Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR		
Motional unit Notional unit Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, e		
Notional Unit Settlement Procedure Settlement Currency Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, e Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR		National amount as agreed by counterparties
Settlement Procedure Settlement Currency USD EUR Bilateral settlement performed in settlement currency Currency USD EUR		Unit in which contract size on Reference Commodities is expressed in i.e. barrals matric tons bushels MMDTUs at a
Procedure Settlement Currency • USD • EUR		Rilateral settlement performed in settlement currency
Settlement Currency in which the settlement payment is made • USD • EUR		Diffaction Settlement performed in Settlement currency
Currency • USD • EUR		Currency in which the cettlement reviment is made
• EUR		
	Currency	
• QRI		
CAN		
• CAN		
• JPY		
• CHF		• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1523. Commodities – Options COMEX Copper Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	• Copper
Commodities	
Contracts on	COMEX Copper
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
•	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Quoting Convention	rotional amount of the underlying commounty. Examples include variets, metric tons, busilets, while I Us, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	Diatoral settlement performed in settlement currency
Settlement	Currency in which the settlement payment is made
Currency	USD USD
Carrency	
	• EUR
	• GBP
	• CAN
	• CAN • JPY • CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1524. Commodities – Options Gold Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
P	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Gold
Commodities	
Contracts on	COMEX Gold
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
•	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Quoting Convention	rotional amount of the underlying commounty. Examples include variets, metric tons, busilets, while I Us, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	Diagonal sections of performed in section currency
Settlement	Currency in which the settlement payment is made
Currency	USD USD
Carrency	
	• EUR
	• GBP
	- CAN
	• CAN
	CANJPYCHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1525. Commodities – Options Silver Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Silver
Commodities	
Contracts on	COMEX Silver
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
r remium currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	USD
Junioney	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1526. Commodities – Options Gasoil Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
, r	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference Commodities	• Gasoil
Contracts on	ICE Gasoil (Monthly)
Reference	Tel Guion (Montally)
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation Period	price will be averaged across all days.
C. I. D.	
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
[- 0.11

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1527. Commodities – Options Brent Crude Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Brent Crude
Commodities	
Contracts on	ICE Brent Crude (Monthly)
Reference	• ICE Brent Ctude (Worlding)
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation 1 eriou	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Date Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
1 Tellium Currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	1

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1528. Commodities – Options TTF Natural Gas Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
T. 1 D.	
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	TTF Natural Gas
Commodities	
Contracts on	ICE TTF Natural Gas (Monthly)
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option.
Evniuation Data	Date at which option contract expires
Expiration Date	Time at which option contract expires
Expiration Time	
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Quoting Convention	Totalona amount of the underlying commodity. Examples mediue parters, metre tons, busiless, wivid 10s, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
	Bilateral settlement performed in settlement currency
Settlement Procedure	Diffactal Schiement performed in Sehlement currency
	Currency in which the cottlement normant is made
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1529. Commodities – Options NY Harbor ULSD Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
D.C.	or the underlying striplets. • New York Harbor Ultralow Sulfur Diesel
Reference Commodities	New York Harbor Ultralow Sultur Diesel
Contracts on	NYMEX New York Harbor Ultralow Sulfur Diesel
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD • EUR
	• EUK • GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency
Settlement	Currency in which the settlement payment is made
Currency	USD
Currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
1	1

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1530. Commodities – Option Strip Zinc Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
• ••	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
-	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Zinc
Commodities	
Ctt	IAC 7:
Contracts on Reference	• LME Zinc
Commodities Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Calculation Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
renou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
1 1 Cillium	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	USD
currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
<u> </u>	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1531. Commodities – Option Strip Aluminum Contract

Contract Overview	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	 American / European / APO per commodity option striplet A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Ontion Tyme	
Option Type	 Put/ Call per commodity option striplet Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	Aluminum
Contracts on Reference Commodities	LME Aluminum
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Premium Date	Date on which premium amount is due
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Settlement Currency	Currency in which the settlement payment is made USD EUR GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1532. Commodities – Option Strip Aluminum Alloy Contract

considerate construction const		
Trade Date		The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
Option Style	T. I.D.	
A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined pointime. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised expiration date at the end of the Calculation Period of the option. Put Call per commodity option striplet Call option — the right to pay a fixed price per unit of a commodity and receive the floating market price per unit commodity over the period Put option— the right to receive a fixed price per unit of a commodity and pay the floating market price per unit commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Commodities Contracts on Reference Calculation Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation. Strike Price Expiration Date Expiration Time Expiration Time Settlement Date Strike and this option contract. Each commodity option striplet in the strip can have its own expiration date and the policy option contract. Each commodity option striplet in the strip can have its own expiration of the period option contract. Each commodity option striplet in the strip can have its own problems of the underlying commodity option striplet in the strip can have its own problems of the underlying commodity option striplet in the strip can have its own problems of the underlying commodity option striplet in the strip can have its own problems of the underlying commodity option striplet in the strip can have its ow		
Put Call petr commodity option striplet	Option Style	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
Call option — the right to pay a fixed price per unit of a commodity and receive the floating market price per unit commodity over the period Put option — the right to receive a fixed price per unit of a commodity and pay the floating market price per unit commodity over the period Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Commodities Contracts on Reference Commodities Calculation Period Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calcul period. Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which option contract expires. Expiration Time Settlement Date Premium Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own expiration that settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration that which option contract expires. Each commodity option striplet in the strip can have its own expiration that settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration that support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its o	Option Type	
Contracts on Reference Commodities		 Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Commodities	Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Contracts on Reference Commodities Calculation Period Period Period Period Promotion Striple and Period Promotion Striple of the commodity option striplet in the strip can have its own calculperiod. Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor of exercise an option. Each commodity option striplet in the strip can have its own expiration date Premium and the premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own expiration firm the strip tan at which option contract expires. Each commodity option striplet in the strip can have its own expiration firm settlement Date Premium Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own expiration time settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time settlement date of the option contract. Each commodity option striplet in the strip can have its own promotive is aggregated into a total premium. Premium Currency Currency in which option premium is expressed. USD	•	(buy) or received (sell). Direction can be specified for either the strip
Reference Commodities		Aluminum Alloy
Reference Commodities	Contracts on	LME Aluminum Alloy
Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calcul period. Strike Price	Reference	
reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calcul period. Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor ce exercise an option. Each commodity option striplet in the strip can have its own expiration date Expiration Time Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time Settlement Date Premium Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own settlement date of the option contract. Each commodity option striplet in the strip can have its own provide in the strip can have i	Commodities	
Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor control of the service an option. Each commodity option striplet in the strip can have its own strike. Expiration Date Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.	Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Expiration Date Expiration Date Expiration Time Settlement Date Premium currency Premium Currency Premium Date Premium Date Premium Date Premium Currency Premium Date Premium Currency Premium Date Premium Currency Premium Date Premium Currency Premium Currency Premium Date Outing Currency in which option ocntract. Each commodity option striplet in the strip can have its own premium currency. Each commodity option striplet in the strip can have its own premium is expressed. Currency in which option premium is expressed. Each commodity option striplet in the strip can have its own premium during the strip can have its own premium is expressed. Currency in which option premium is expressed. Currency in which option premium is expressed. Currency in which option premium is expressed. Each commodity option striplet in the strip can have its own premium is expressed. Currency in which option premium is expressed. Each commodity option striplet in the strip can have its own expiration the strip can have its own expiration the strip can have its own premium during in the strip can have its own expiration the strip can have its own premium during option striplet in the strip can have its own expiration the strip can have its o	Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time	Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Each commodity option striplet in the strip can have its own strike.
Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time	Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own provided in the strip can ha	Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own provided in the strip can ha	Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Minimum Size Notional Unit Settlement Procedure Settlement Currency Currency in which option premium is expressed. USD	Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
currency • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Notional amount, as agreed by counterparties Notional Unit Notional Which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement Procedure Settlement Currency • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in strip can have its own notional amount. Settlement Currency • USD	Premium	
Quoting Convention and Minimum IncrementNotional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in strip can have its own notional amount which is aggregated into a total notional amount.Minimum Size Notional UnitNotional amount, as agreed by counterpartiesNotional UnitUnit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.Settlement ProcedureBilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its ow separate settlement date.Settlement CurrencyCurrency in which the settlement payment is made• USD	·	 EUR GBP CAN JPY CHF BRL PLN SEK KRW
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in strip can have its own notional amount which is aggregated into a total notional amount. Minimum Size Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its ow separate settlement date. Currency in which the settlement payment is made USD		
Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement Procedure Settlement Currency Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its ow separate settlement date. Currency in which the settlement payment is made • USD	Convention and Minimum Increment	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Settlement Procedure Bilateral settlement performed in settlement currency. Settlement Currency Each commodity option striplet in the strip can have its ow separate settlement date. Currency in which the settlement payment is made USD Each commodity option striplet in the strip can have its ow separate settlement date. Currency in which the settlement payment is made		
Procedure separate settlement date. Settlement Currency Currency in which the settlement payment is made USD		
Settlement Currency in which the settlement payment is made • USD		Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
• GBP	Settlement	Currency in which the settlement payment is made USD EUR

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1533. Commodities – Option Strip LME Copper Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
•	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Copper
Commodities	
Contracts on	I ME Campa
Reference	LME Copper
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
1 criou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Trice	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• BKL • PLN
	• SEK
	• SEK • KRW
Duamium Data	Date on which premium amount is due
Premium Date	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Convention and Minimum	counterparties. Examples include barrels, metric tons, busnels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Increment	surp can have its own notional amount which is aggregated into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1534. Commodities – Option Strip Nickel Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
o p	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
Option Type	
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Nickel
Commodities	
C 4 4	DON'T I
Contracts on	LME Nickel
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
·	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	90-70
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP

	 CAN JPY CHF BRL PLN SEK KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1535. Commodities – Option Strip Tin Contract

A commodity option strip contract is a series of individual commodity options (option strict cash-settled agreement. For each underlying commodity option striplet there is an agreement whereby one counterparty agrees, in exchange for a cash premium, to offer another counterpart to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded a futures contracts over a calculation period of a given reference commodity. Trade Date Option Style American / European / APO per commodity option striplet A European option may be exercised only at the expiration date of the option, i.e. at a time. An Average Price Option (APO) (also known as an average value or "Asian" option expiration date at the end of the Calculation Period of the option Option Type Put/ Call per commodity option striplet Call option – the right to pay a fixed price per unit of a commodity and receive the floating commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Commodities	t between two counterparties rty the right but not obligation vive or pay the floating current and the price of designated a single pre-defined point in ion date. I) may only be exercised at the mag market price per unit of the
cash-settled agreement. For each underlying commodity option striplet there is an agreement whereby one counterparty agrees, in exchange for a cash premium, to offer another counterpart to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded a futures contracts over a calculation period of a given reference commodity. Trade Date Option Style American / European / APO per commodity option striplet A European option may be exercised only at the expiration date of the option, i.e. at a time. An American option on the other hand may be exercised at any time before the expirate An Average Price Option (APO) (also known as an average value or "Asian" option expiration date at the end of the Calculation Period of the option Option Type Put/ Call per commodity option striplet Call option – the right to pay a fixed price per unit of a commodity and receive the floating commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Tin	t between two counterparties rty the right but not obligation vive or pay the floating current and the price of designated a single pre-defined point in ion date. I) may only be exercised at the mag market price per unit of the
to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to recemarket price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded a futures contracts over a calculation period of a given reference commodity. Trade Date The date on which parties enter into the contract American / European / APO per commodity option striplet A European option may be exercised only at the expiration date of the option, i.e. at a time. An American option on the other hand may be exercised at any time before the expirate An Average Price Option (APO) (also known as an average value or "Asian" option expiration date at the end of the Calculation Period of the option Option Type Put/ Call per commodity option striplet Call option – the right to pay a fixed price per unit of a commodity and receive the floating commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Tin	a single pre-defined point in ion date. I) may only be exercised at the mg market price per unit of the
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The floating market price per unit of the commodity is based on the notional quantity traded a futures contracts over a calculation period of a given reference commodity. Trade Date The date on which parties enter into the contract American / European / APO per commodity option striplet A European option may be exercised only at the expiration date of the option, i.e. at a time. An American option on the other hand may be exercised at any time before the expirate An Average Price Option (APO) (also known as an average value or "Asian" option expiration date at the end of the Calculation Period of the option Option Type Put/ Call per commodity option striplet Call option – the right to pay a fixed price per unit of a commodity and receive the floating commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Tin	a single pre-defined point in ion date. I) may only be exercised at the ing market price per unit of the
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time. • An American option on the other hand may be exercised at any time before the expirat • An Average Price Option (APO) (also known as an average value or "Asian" option expiration date at the end of the Calculation Period of the option Option Type Put/ Call per commodity option striplet • Call option – the right to pay a fixed price per unit of a commodity and receive the floating commodity over the period • Put option – the right to receive a fixed price per unit of a commodity and pay the floating commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference • Tin	ion date.) may only be exercised at the ng market price per unit of the
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Put/ Call per commodity option striplet Call option – the right to pay a fixed price per unit of a commodity and receive the floating commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Tin	
Call option – the right to pay a fixed price per unit of a commodity and receive the floating commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Tin	
commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Tin	
Put option – the right to receive a fixed price per unit of a commodity and pay the floating commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Tin	ng market price per unit of the
commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Tin	ig market price per unit of the
Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Tin	
(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference • Tin	
or the underlying striplets. Reference • Tin	
Reference • Tin	
• • • • • • • • • • • • • • • • • • • •	
Contracts on • LME Tin	
Reference	
Commodities	
Calculation Series of single date or date ranges over which the reference price of the commodity will be c	
Period reference price will be averaged across all days. Each commodity option striplet in the strip	can have its own calculation
period.	
Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity	at which the investor can
exercise an option. Each commodity option striplet in the strip can have its own strike.	
Expiration Date Date at which option contract expires. Each commodity option striplet in the strip can have	
Expiration Time Time at which option contract expires. Each commodity option striplet in the strip can have	
Settlement Date Settlement date of the option contract. Each commodity option striplet in the strip can have	
Premium Premium amount expressed in premium currency. Each commodity option striplet in the st	rip can have its own premium
which is aggregated into a total premium.	
Premium Currency in which option premium is expressed.	
currency • USD	
• EUR	
• GBP	
• CAN	
• JPY	
• CHF	
• BRL	
BRLPLN	
BRLPLNSEK	
 BRL PLN SEK KRW 	
BRL PLN SEK KRW Premium Date Date on which premium amount is due	t in the strip, as served by
BRL PLN SEK KRW Premium Date Date on which premium amount is due Quoting Notional amount of the underlying commodity controlled by each commodity option striplet	
BRL PLN SEK KRW Premium Date Quoting Convention Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet counterparties.	
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BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Premium Date Outer parties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each common strip can have its own notional amount which is aggregated into a total notional amount.	
BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Premium Date Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commo strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties	
BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties Notional Unit Notional amount, as agreed by counterparties Notional Unit Notional Controlled by each commodity option striplet counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commo strip can have its own notional amount which is aggregated into a total notional amount. Notional Unit Notional Unit Notional Controlled by each commodity option striplet counterparties. Each commo strip can have its own notional amount which is aggregated into a total notional amount. Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.	dity option striplet in the
BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement BIL PLN SEK EACH OMMOTION SEK Notional amount of the underlying commodity controlled by each commodity option striplet counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option amount. Notional amount, as agreed by counterparties Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement Bilateral settlement performed in settlement currency. Each commodity option striplet in the settlement performed in settlement currency.	dity option striplet in the
BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties Notional Unit Vunit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement Procedure BIL PLN SEK KRW Notional amount of the underlying commodity controlled by each commodity option striplet counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option amount. BIL Was agreed by counterparties Notional Unit Vinit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the separate settlement date.	dity option striplet in the
BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties Notional Unit Notional amount, as agreed by counterparties Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement Procedure Bilateral settlement performed in settlement currency. Each commodity option striplet in the separate settlement date. Currency in which the settlement payment is made	dity option striplet in the
BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement Procedure Bilateral settlement performed in settlement currency. Each commodity option striplet in the separate settlement date. Currency BRL PLN SEK Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the separate settlement date. Currency in which the settlement payment is made Currency Currency BIL Promodity option striplet in the settlement Currency Currency in which the settlement payment is made Currency Curr	dity option striplet in the
BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties Notional Unit Notional amount, as agreed by counterparties Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement Procedure Bilateral settlement performed in settlement currency. Each commodity option striplet in the separate settlement date. Currency in which the settlement payment is made	dity option striplet in the

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1536. Commodities – Option Strip Lead Contract

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Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Lead
Commodities	
Contracts on	LME Lead
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1537. Commodities – Option Strip Steel Billet Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Steel Billet
Commodities	
Contracts on	LME Steel Billet
Reference	State Steel Billet
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	and the state of t
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	USD USD
Carrency	• EUR
	• GBP
	יטט •

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1538. Commodities – Option Strip Live Cattle Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Live Cattle
Commodities	
Contracts on	PM&E Dayages Live Cattle
Reference	BM&F Bovespa Live Cattle
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Terrou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
541114	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• Crir • BRL
	• PLN
	• SEK
D	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	N. dianal amount as a smaller contempt dian
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1539. Commodities – Option Strip Corn Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
O-4 T	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	, 1
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Spuon Side	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Corn
Commodities	
Contracts on	CBOT Corn
Reference	• CBOT Con
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	SEK KRW
Premium Date	
Quoting	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	200-7
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	

	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
_	
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1540. Commodities – Option Strip Wheat Contract

	-
Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Wheat
Commodities	
Contracts on	CBOT Wheat
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1541. Commodities – Option Strip Henry Hub Natural Gas Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
· p · · · · · · · · · · · · · ·	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	 An American option on the other hand may be exercised at any time before the expiration date.
	 An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
Option Type	
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Henry Hub Natural Gas
Commodities	
Contracts on	- NVMEY Harm, Hall Matural Co.
Contracts on	NYMEX Henry Hub Natural Gas
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
G. B. B. I	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
n	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
J	• EUR
	• GBP
	- Oni

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1542. Commodities – Option Strip Waha Natural Gas Contract

Correled Overview A commodity options strip contract is a series of individual commodity options (option striplect) combined into one cash-settled agreement. For each underlying commodity option striplect to an apperent between two constructions are contracted as the contract of the commodity option option striplect on the price of designated fairness contracts over a calculation present of a given reference accommodity. Trude Date Trude Date Option Style American European /APD per commodity option striplet - A tank average Price Option (APD) (abo known as an average value or "Assian" option) may only be exercised at a capability of the option of the		
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Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.		Notional amount as agreed by counterparties
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PLN SEK SEK KRW Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative As set in Part 151 of the CFTC Regulations		BRL
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Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative As set in Part 151 of the CFTC Regulations	Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
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Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative As set in Part 151 of the CFTC Regulations	Clearing Venue	Bilateral
Speculative As set in Part 151 of the CFTC Regulations		
	DIOCK SIZE	As sectional an Appendix r to rait 45 of the CrTC Regulations.
Limits		As set in Part 151 of the CFTC Regulations
	Limits	

RULE 1543. Commodities – Option Strip Permian Natural Gas Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Permian Natural Gas
Commodities	
Contracts on	NYMEX Permian Natural Gas Basis Swap
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
a. n. n	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
T 1 1 T	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	USD USD
currency	• EUR
	• GBP
	• CAN • JPY
	• CHF
	• BRL
	• PLN
	• SEK
n	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment Minimum Size	National amount as agreed by sounterporting
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Block Size Speculative	
Block Size Speculative Limits	As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Block Size Speculative	As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1544. Commodities – Option Strip NY Harbor Heating Oil Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 611	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	New York Harbor Heating Oil
Commodities	INCW FOR HARDOL DEALING OIL
Contracts on	NYMEX New York Harbor Heating Oil
Reference	- 1/11/12/11/0W TOTA THEODY HOUSING ON
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
n :	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
Premium Date	• KRW Date on which premium amount is due
Quoting Date	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	only van in to the notional amount which is appropried into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
	separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Trading Hours Clearing Venue	00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Trading Hours Clearing Venue Block Size	00:01 -24:00 Sunday-Friday Eastern Time
Trading Hours Clearing Venue Block Size Speculative Limits	00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Trading Hours Clearing Venue Block Size Speculative	00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1545. Commodities – Option Strip WTI Crude Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 611	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	WTI Crude
Commodities	W 11 Clude
Contracts on	NYMEX WTI Crude
Reference	- IVITALIZE II II CIUUC
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
n :	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	PLN SFK
	- GER
Premium Date	• KRW Data on which premium amount is due
Quoting Date	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	only van and the own notional amount which is appropried into a total notional amount.
	N.C. I
Minimum Size	Notional amount, as agreed by counterparties
Minimum Size Notional Unit	Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Notional Unit	
Notional Unit Settlement Procedure	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Notional Unit Settlement Procedure Trading Hours	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Notional Unit Settlement Procedure Trading Hours Clearing Venue	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative Limits	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1546. Commodities – Option Strip Palladium Contract

Overview Ove		
Trade Date The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated futures contracts over a calculation period of a given reference commodity.		cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
Trade Date The date on which parties enter into the contract		The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
Option Style	Trade Date	
A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option Put/ Call potion — the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period. Put option — the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the moderlying striplets. Put/ Call potion — the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodities of the underlying striplets. Put/ Call potion — the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodities of the underlying striplets. Put/ Call potion — the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the underlying striplets. Put/ Call potion — the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the underlying striplet in the strip can be a the strip can have its own accludation period.		
An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option Put Call per commodity option striplet	T	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
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Countracts on Reference Commodities Palladium		commodity over the period
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Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative As set in Part 151 of the CFTC Regulations		, ,
Speculative As set in Part 151 of the CFTC Regulations		

RULE 1547. Commodities – Option Strip Platinum Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Platinum
Commodities	
Contracts on	NYMEX Platinum
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Ct. II. D. I	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Exmination Data	exercise an option. Each commodity option striplet in the strip can have its own strike. Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Date Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
1 I Cillium	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	200-F 200- 200- 200- 200- 200- 200- 200-
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	and the second s

RULE 1548. Commodities – Option Strip Iron Ore Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
T 1 D 4	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet • A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date.
	 An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
option Type	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Iron Ore
Commodities	
Contracts on	NYMEX Iron Ore
Reference Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
1 01104	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Premium	which is aggregated into a total premium. Currency in which option premium is expressed.
currency	USD USD
currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
D	
Premium Date	Date on which premium amount is due
Premium Date Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Quoting Convention	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Quoting Convention and Minimum	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Quoting Convention and Minimum Increment Minimum Size	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Quoting Convention and Minimum Increment Minimum Size Notional Unit	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral

RULE 1549. Commodities – Option Strip COMEX Copper Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 611	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	COMEX Copper
Commodities	CONTEA COPPER
Contracts on	COMEX Copper
Reference	- солых сорры
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
n .	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
Duomium D-4-	• KRW
Premium Date	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Quoting Convention	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	Surp can have its own notional amount which is aggregated into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
DIOCK SIZE	1 AS SELIGITIFIT ADDENDIX I TO FAIL 43 OF THE CITE REQUIATIONS.
Block Size Speculative	As set in Part 151 of the CFTC Regulations
Speculative Limits	
Speculative	

RULE 1550. Commodities – Option Strip Gold Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
Option Style	
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
- r	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Gold
Commodities	Gold
Contracts on	COMENCELL
	COMEX Gold
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
·	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Premium Date Quoting	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Quoting	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Quoting Convention	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Quoting Convention and Minimum Increment	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Quoting Convention and Minimum Increment Minimum Size	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Quoting Convention and Minimum Increment Minimum Size Notional Unit	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral

RULE 1551. Commodities – Option Strip Silver Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
Option Style	
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Spuon Side	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
D.f	, e 1
Reference	• Silver
Commodities	20170101
Contracts on	COMEX Silver
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	Surp sum and the sum notional amount which is aggregated into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	

RULE 1552. Commodities – Option Strip Gasoil Contract

Contract Overview	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	 Put/ Call per commodity option striplet Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
opuon siuc	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	• Gasoil
Commodities	ICE C. TAK (II)
Contracts on Reference	ICE Gasoil (Monthly)
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time Settlement Date	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
·	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN • SEK
	• SEK • KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Notional Unit Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations

RULE 1553. Commodities – Option Strip Brent Crude Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 611	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Brent Crude
Commodities	• Dien Cluc
Contracts on	ICE Brent Crude (Monthly)
Reference	- ICE Divin Citude (Montally)
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
D .	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
Premium Date	• KRW Data on which premium amount is due
Quoting Quoting	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	only van and the own notional amount which is appropried into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	
Block Size Speculative	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Block Size Speculative Limits Reportable Levels	As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1554. Commodities – Option Strip TTF Natural Gas Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 611	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	TTF Natural Gas
Commodities	- 111 11444441 043
Contracts on	ICE TTF Natural Gas (Monthly)
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Expiration Time Settlement Date	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN
Expiration Time Settlement Date Premium Premium currency	Time at which option contract expires. Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time. Premium amount expressed in premium currency. which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Expiration Time Settlement Date Premium Premium currency Premium Date	Time at which option contract expires. Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. USD EuR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip can have its own premium which is own premium and its own premium which is discovered in the strip can have its own premium which is own premium which is aggregated into a total premium. Each commodity option striplet in the strip can have its own settlement date. Fach commodity option striplet in the strip can have its own settlement date. Fach commodity option striplet in the strip can have its own settlement date. Fach commodity option striplet in the strip can have its own settlement date. Fach commodity option striplet in the strip can have its own settlement date. Fach commodity option striplet in the strip can have its own settlement date. Fach commodity option striplet in the strip can have its own settlement date.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own settlement date.
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1555. Commodities – Option Strip NY Harbor ULSD Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
1 11	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
F	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	New York Harbor Ultralow Sulfur Diesel
Commodities	The state of the s
Contracts on	NYMEX New York Harbor Ultralow Sulfur Diesel
Reference	NINDING FOR MICH CHARACTER
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
T	
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Date Expiration Time	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Expiration Time	
Expiration Time Settlement Date	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Expiration Time Settlement Date	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK
Expiration Time Settlement Date Premium Premium currency	Time at which option contract expires. Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time. Premium amount expressed in premium currency. which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Expiration Time Settlement Date Premium Premium currency Premium Date	Time at which option contract expires. Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. USD EuR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip can have its own premium date.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip can have its own premium date.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1556. Commodities – Fixed/Floating Swap/Cash Settled Forward Mont Belvieu LDH Propane Contract

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Contract Overview	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference Commodities	Mont Belvieu LDH Propane
Contracts on	NYMEX Mont Belvieu LDH Propane
Reference	The state of the s
Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
· ·	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention	
and Minimum	
Increment	N. C. L. C.
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which the fixed and floating prices are quoted:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Conventions	
Calculation	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can
	be netted)
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
DIOCK SIZE	As set form in Appendix 1: to Part 45 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03
Reportable Levels	As section in Crite regulation 15.05

RULE 1557. Commodities – Fixed/Floating Strip Mont Belvieu LDH Propane Contract

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets)
	combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference	Mont Belvieu LDH Propane
Commodities	Work Berreu Listi Fropale
Contracts on	NYMEX Mont Belvieu LDH Propane
Reference	
Commodities	
Settlement Currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting Convention	Notional amount per striplet, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount per striplet, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL PLN
	PLN SEK
	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified for
Trauling Conventions	either the strip or the underlying striplets.
	entire the strip of the underlying striplets.
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range
	the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.
Trade Date	The date on which parties enter into the contract
77440 2400	
Settlement Date(s)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement
, ,	for each constituent striplet in the strip or overall settlement on the total strip
Settlement	Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent striplet
Procedure	in the strip or overall settlement on the total strip
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
DI LO	A COLOR DE LA COLOR DE LA
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Constanting I in '	A C
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1558. Commodities – Date Spread Mont Belvieu LDH Propane Contract

Contract	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty
Overview	agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from
	the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the
	quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated
D. C	futures contracts over a calculation period of a given reference commodity.
Reference Commodities	Aluminum MW U.S. Transaction Premium Platts (25MT)
Commodities Contracts on	OME ALL MOVING TO A DESCRIPTION OF THE CONTROL OF T
Reference	CME Aluminum MW U.S. Transaction Premium Platts (25MT)
Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	USD
Currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• SEK • KRW
Quoting	Notional amount, as agreed by counterparties
Convention	Notional amount, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which payments are made between the two counterparties:
Currency	• USD
·	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second
Conventions	leg must be selling, for instance.
Calculation	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference
Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
-	
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	00.01.24.00.0 1. F. 1. F. 4. T.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
DIUCK SIZE	As sectoral in Appendix 1 to 1 art 45 of the C1 1C Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03
reportable Levels	1

RULE 1559. Commodities – Option Mont Belvieu LDH Propane Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
	American / European / APO
Option Style	
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
opuon Type	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 61	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
Reference	or the underlying striplets.
	Mont Belvieu LDH Propane
Commodities	
Contracts on	NYMEX Mont Belvieu LDH Propane
Reference	·
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
•	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	Twiting amount of the underlying commodity. Learnings metude parters, metre tons, pushes, invital US, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	Diagonal Sectionion performed in Sectionion currency
Settlement	Currency in which the settlement payment is made
Currency	USD
Currency	• EUR
	• EUK • GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1560. Commodities – Fixed/Floating Swap/Cash Settled Forward Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract Overview	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity
	and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference Commodities	Aluminum Midwest Premium
Contracts on Reference Commodities	CME Aluminum Midwest Premium
Settlement Currency	Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHF BRL
	• SEK • KRW
Quoting Convention and Minimum Increment	Notional amount, as agreed by counterparties
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted: USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Calculation Period	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can be netted)
Settlement Procedure	Bilateral cash settlement performed in settlement currency
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1561. Commodities – Fixed/Floating Strip Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets) combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The
7. 4	strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference	Aluminum Midwest Premium
Commodities	
Contracts on Reference	CME Aluminum Midwest Premium
Commodities	
Settlement Currency	Currency in which payments are made between the two counterparties:
Settlement Currency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Quoting Convention	Notional amount per striplet, as agreed by counterparties
and Minimum	rotional amount per surpret, as agreed by counterparties
Increment	
Minimum Size	Notional amount per striplet, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.
Trade Date	The date on which parties enter into the contract
Settlement Date(s)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement
	for each constituent striplet in the strip or overall settlement on the total strip
Settlement	Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent striplet
Procedure	in the strip or overall settlement on the total strip
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1562. Commodities – Date Spread Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty
Overview	agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from
	the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the
	quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Reference	Aluminum Midwest Premium
Commodities	OF H. S. Mill. D. S.
Contracts on Reference	CME Aluminum Midwest Premium
Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	USD
Currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention	Potonia anoma, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second
Conventions	leg must be selling, for instance.
0.1.1.4	
Calculation	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference
Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Traue Date	The date on which counterparties effect into the contract
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1563. Commodities – Option Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
T 1 D 1	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO • A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Spuon siuc	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Aluminum Midwest Premium
Commodities	
Contracts on	CME Aluminum Midwest Premium
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date Premium	Settlement date of the option contract Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
Tremium currency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
<u> </u>	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY

	 CHF BRL PLN SEK KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1564. Commodities – Fixed/Foating Swap/Cash Settled Forward Gulf Coast Jet Fuel

Contract Overview	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference Commodities	NYMEX NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts) Up-Down Futures Contract
Contracts on	CME Gulf Coast Jet Fuel Futures Contract
Reference	
Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
	EUR GBP
	GBP CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention	
and Minimum	
Increment	N.C. I. A. C.
Minimum Size Notional	Notional amount, as agreed by counterparties
Currency	Currency in which the fixed and floating prices are quoted: USD
Currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Calculation	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can be netted)
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1565. Commodities – Fixed/Floating Strip Gulf Coast Jet Fuel

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets)
	combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The
	strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference	NYMEX NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts)
Commodities	Up-Down Futures Contract
Contracts on	Gulf Coast Jet Fuel
Reference	
Commodities	
Settlement Currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting Convention	Notional amount per striplet, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount per striplet, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified for
	either the strip or the underlying striplets.
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range
Calculation reriods	
	the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.
Trade Date	The date on which parties enter into the contract
Cottleme-t D-t-(:)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement
Settlement Date(s)	
Settlement	for each constituent striplet in the strip or overall settlement on the total strip Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent striplet
Procedure	in the strip or overall settlement on the total strip
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Trauing Hours	21.00 Sanday Friday Editorii Filino
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
DIOTA DIEC	
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03
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RULE 1566. Commodities – Date Spread Gulf Coast Jet Fuel

Contract Overview	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated futures contracts over a calculation period of a given reference commodity.
Reference Commodities	NYMEX NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts) Up-Down Futures Contract
Contracts on	CME Gulf Coast Jet Fuel Futures Contract
Reference	CALL Guir Coust Set Luci Luciae Connuct
Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
0 1	• KRW
Quoting Convention	Notional amount, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second
Conventions	leg must be selling, for instance.
Calculation	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference
Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	·
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1567. Commodities – Option Gulf Coast Jet Fuel

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in
	exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed
	strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating modest price pay with of the commodity is based on the national quantity traded and the price of an applicable.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
7.4	or the underlying striplets.
Reference	NYMEX NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts)
Commodities	Up-Down Futures Contract
Contracts on	CME Gulf Coast Jet Fuel Futures Contract
Reference	
Commodities Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation Period	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Trice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
•	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	AV
Convention	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
and Minimum	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
and Minimum Increment	
and Minimum Increment Minimum Size	Notional amount, as agreed by counterparties
and Minimum Increment Minimum Size Notional Unit	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
and Minimum Increment Minimum Size	Notional amount, as agreed by counterparties
and Minimum Increment Minimum Size Notional Unit Settlement	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
and Minimum Increment Minimum Size Notional Unit Settlement Procedure	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made • USD
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW O0:01 -24:00 Sunday-Friday Eastern Time
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours Clearing Venue	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW 00:01 -24:00 Sunday-Friday Eastern Time 413
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours Clearing Venue Block Size	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time 413 Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours Clearing Venue	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time 413

RULE 1568. Commodities – Fixed/Floating Swap/Cash Settled Forward NY ULSD

amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantitated and the price of an applicable futures contract based on the reference commodity. The floating amount paid is determined based on the notional quantitand the price of an applicable futures contract based on the reference commodity over an agreed future calculation perice. NYMEX ULSD (Argus) Futures Contract	Contract Overview	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating
traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantit and the price of an applicable futures contract based on the reference commodity over an agreed future calculation perior for an applicable future contract. NYMEX ULSD (Argus) Futures Contract Contracts on Reference Commodities	Overview	
Reference Commodities		traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity
Contracts on Reference Commodities Settlement Currency Convention and Minimum Increment Minimum Size Notional Currency Notional Currency Currency Notional Currency Currency Currency Notional Currency Currency Currency Notional Currency Currency Currency Notional amount, as agreed by counterparties Currency in which the fixed and floating prices are quoted: Currency in which th		and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Contracts on Reference		NYMEX ULSD (Argus) Futures Contract
Reference Commodities		
Commodities		CME NY ULSD Futures Contract
Currency Currency in which payments are made between the two counterparties: USD		
Currency • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Quoting Convention and Minimum Increment Minimum Size Notional Currency • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Notional amount, as agreed by counterparties Currency in which the fixed and floating prices are quoted: • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Trading Conventions Calculation Period Trade Date Settlement Date Settlement Date Settlement Date Settlement Date Bilateral cash settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (be netted) Settlement currency		Communication and the second state of the seco
EUR GBP CAN JPY CHF BRL PLN SEK KRW Quoting Convention and Minimum Increment Minimum Size Notional Currency Vertical Currency Settlement Date Trade Date Settlement Date Settlement Date Settlement Date Settlement Date Settlement Set PLN CAN JPY Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged (settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (settlement or performed in settlement currency Settlement units of the can be single date or date range of the contract Settlement Date Settlem		
- GBP - CAN - JPY - CHF - BRL - PLN - SEK - KRW Notional amount, as agreed by counterparties Minimum Size	Currency	
- CAN - JPY - CHF - BRL - PLN - SEK - KRW - Quoting Convention and Minimum Increment Minimum Size Notional Currency Notional Currency Notional Currency Notional Currency Notional Currency Notional mount, as agreed by counterparties Currency in which the fixed and floating prices are quoted: - USD - EUR - GBP - CAN - JPY - CHF - BRL - PLN - SEK - KRW Trading Conventions Calculation Period Trade Date Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. The date on which counterparties enter into the contract Settlement Date Settlement Date Settlement Blateral cash settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (be netted) Billateral cash settlement performed in settlement currency		
PV CHF BRL PLN SEK KRW		
Currency Notional amount, as agreed by counterparties Notional Currency Notional Currency Notional Currency Notional Currency Notional Currency in which the fixed and floating prices are quoted: USD EUR GBP CAN IPY CHF BRL PLN SEK KRW Trading Conventions Calculation Period Trade Date Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trede Date Settlement Date Settlement Bilateral cash settlement operformed in settlement currency		
BRL PLN SEK PLN SEK SEK KRW Quoting Convention and Minimum Increment Minimum Size Notional Currency Notional amount, as agreed by counterparties Currency Notional amount, as agreed by counterparties Currency Notional amount, as agreed by counterparties Currency in which the fixed and floating prices are quoted: USD EUR GBP CAN IPY CHF BRL PLN SEK KRW Trading Conventions Calculation Period Trade Date Settlement Date Settlement Settlement Bilateral cash settlement performed in settlement currency Bilateral cash settlement performed in settlement currency Notional amount, as agreed by counterparties Currency in which the fixed and floating prices are quoted: USD FUR SEV		
PLN SEK KRW Ouoting Convention and Minimum Increment Minimum Size Notional Currency USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Trading Conventions Calculation Period Trade Date Settlement Date PLN SEK SEK SEK SEK SEK SEK SECH SETTION SETTIO		
SEK KRW Notional amount, as agreed by counterparties		
Notional amount, as agreed by counterparties		
Notional amount, as agreed by counterparties		
Convention and Minimum Increment	Quoting	
And Minimum Increment	- 0	Tottonal amount, as agreed by counterparties
Increment Minimum Size Notional amount, as agreed by counterparties		
Notional		
Currency USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Trading Conventions Calculation Period Trade Date Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date Settlement Date Settlement Settlement Bilateral cash settlement performed in settlement currency		Notional amount, as agreed by counterparties
EUR GBP CAN JPY CHF BRL PLN SEK KRW Trading Conventions Calculation Period Trade Date Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date Settlement Date Settlement Settlement Bilateral cash settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (settlement) Bilateral cash settlement or promed in settlement currency	Notional	Currency in which the fixed and floating prices are quoted:
GBP CAN JPY CHF BRL PLN SEK KRW Trading Conventions Calculation Period Trade Date Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date Settlement Date Settlement Bilateral cash settlement performed in settlement currency	Currency	• USD
CAN JPY CHF BRL PLN SEK KRW Trading Conventions Calculation Period Trade Date Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date Settlement Date Settlement Settlement Bilateral cash settlement performed in settlement currency		• EUR
		• GBP
CHF BRL PLN SEK KRW Trading Conventions Calculation Period Trade Date Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date Settlement Date Settlement Bilateral cash settlement performed in settlement currency		• CAN
 BRL PLN SEK KRW Trading Conventions Calculation Period Trade Date Trade Date Settlement Date Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell) Calculation reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date Settlement Date Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (specified settlement) Settlement Bilateral cash settlement performed in settlement currency 		• JPY
PLN SEK KRW Trading Conventions Calculation Period Trade Date Centerence price will be averaged across all days. Trade Date Settlement Date Settlement Bilateral cash settlement performed in settlement currency		• CHF
• SEK • KRW Trading Conventions Calculation Period Trade Date Settlement Date Settlement Settlement Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell) Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date Settlement Date Settlement Date Settlement Date Bilateral cash settlement performed in settlement currency		• BRL
• KRW Trading Conventions Calculation Period Trade Date Settlement Date • KRW Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell) Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date Settlement Date Settlement Date Settlement Date Bilateral cash settlement performed in settlement currency		• PLN
Trading Conventions Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell) Calculation Period Calculation Period Calculation Period Calculation Period Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Settlement Date Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (specified) Settlement Bilateral cash settlement performed in settlement currency		• SEK
Conventions		
Calculation Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Trade Date The date on which counterparties enter into the contract		Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Period reference price will be averaged across all days.		
Trade Date The date on which counterparties enter into the contract Settlement Date Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (be netted) Settlement Bilateral cash settlement performed in settlement currency		
Settlement Date Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (be netted) Settlement Bilateral cash settlement performed in settlement currency		
be netted) Settlement Bilateral cash settlement performed in settlement currency	i raue Date	The date on which counterparties effer into the contract
Settlement Bilateral cash settlement performed in settlement currency	Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can
Procedure		Bilateral cash settlement performed in settlement currency
	Procedure	
Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time	Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.	Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits As set forth in Part 151 of the CFTC Regulations	Speculative Limits	
Reportable Levels As set forth in CFTC Regulation 15.03		As set forth in CFTC Regulation 15.03

RULE 1569. Commodities – Fixed/Floating Strip NY ULSD

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets) combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference	NYMEX ULSD (Argus) Futures Contract
Commodities	The state of the s
Contracts on	CME New York Ultra Low-Sulfur Diesel Futures Contract
Reference	
Commodities	
Settlement Currency	Currency in which payments are made between the two counterparties:
·	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Quoting Convention	Notional amount per striplet, as agreed by counterparties
and Minimum	rottofial allount per striplet, as agreed by counterparties
Increment	
Minimum Size	Notional amount per striplet, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted:
riotional Currency	USD
	• EUR
	• GBP
	• CAN
	JPY
	• CHF
	• BRL
	• PLN
	• SEK
m 11 0 11	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified for
	either the strip or the underlying striplets.
Glad Dia	
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range
	the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.
Trade Date	The date on which parties enter into the contract
Settlement Date(s)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement
Settlement Date(3)	for each constituent striplet in the strip or overall settlement on the total strip
Settlement	Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent striplet
Procedure	in the strip or overall settlement on the total strip
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
	.,
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1570. Commodities – Date Spread NY ULSD

Contract Overview	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Reference	NYMEX ULSD (Argus) Futures Contract
Commodities	(-9)
Contracts on	CME New York Ultra Low-Sulfur Diesel Futures Contract
Reference	
Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second
Conventions	leg must be selling, for instance.
Calculation	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference
Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03
Teportubic Ecreis	

RULE 1571. Commodities – Option NY ULSD

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive a result of a commodity of		
	strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date.		
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.		
Trade Date	The date on which parties enter into the contract		
Option Style	American / European / APO		
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.		
	An American option on the other hand may be exercised at any time before the expiration date.		
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option		
Option Type	Put/ Call		
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the		
	 commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the 		
	commodity over the period		
Option Side	Buy or Sell, which refers to whether or not the option premium is paid		
	(buy) or received (sell). Direction can be specified for either the strip		
Reference	or the underlying striplets. NYMEX ULSD (Argus) Futures Contract		
Commodities	NTMEX OLSD (Argus) Futures Contract		
Contracts on	CME New York Ultra Low-Sulfur Diesel Futures Contract		
Reference Commodities			
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference		
Carculation 1 criou	price will be averaged across all days.		
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can		
E	exercise an option.		
Expiration Date Expiration Time	Date at which option contract expires Time at which option contract expires		
Settlement Date	Settlement date of the option contract		
Premium	Premium amount expressed in premium currency		
Premium currency	Currency in which payments are made between the two counterparties:		
	• USD		
	EUR GBP		
	• CAN		
	• JPY		
	• CHF		
	• BRL		
	• PLN • SEK		
	• KRW		
Premium Date	Date on which premium amount is due		
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.		
Convention and Minimum			
Increment			
Minimum Size	Notional amount, as agreed by counterparties		
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.		
Settlement Procedure	Bilateral settlement performed in settlement currency		
Settlement	Currency in which the settlement payment is made		
Currency	USD		
	• EUR		
	• GBP		
	• CAN • JPY		
	• JPY • CHF		
	• BRL		
	• PLN		
	• SEK		
Trading Harris	• KRW		
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time 419		
Clearing Venue	Bilateral		
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.		
Cnoorl-4: T. '	As set in Part 151 of the CETC Possilations		
Speculative Limits Reportable Levels	As set in Part 151 of the CFTC Regulations As set in CFTC Regulation 15.03		
reportable Levels	Las soi in Ci 10 regulation 13.03		

Product Attribute Determination

When a single Fixed Rate Payer exists	Fixed Rate Payer. Otherwise, Reverse ASCII sort, first LEI/Entity ID		
All		Option Buyer	
All	Reverse	ASCII sort, first LEI/Entity ID	
All		Fixed Rate Payer	
All	Reverse	ASCII sort, first LEI/Entity ID	
All	Reverse	ASCII sort, first LEI/Entity ID	
All		Fixed Rate Payer	
When a single Fixed Rate Payer exists	Fixed Rate Payer. Otherwise, Reverse ASCII sort, first LEI/Entity ID		
All		Fixed Rate Payer	
All		Option Buyer	
All	Reverse	ASCII sort, first LEI/Entity ID	
All	Reverse	ASCII sort, first LEI/Entity ID	
All		Fixed Rate Payer	

Tiebreaker Logic

When the participant identifier tiebreaker is invoked the following processes will be used:

1a. Determining identifiers

When an entity has multiple entity identifiers ("IDs"), the following hierarchy will be used to determine which entity ID to use in the RP determination logic:

• LEI/CICI is used before DTCC GTR ID which is used before an AVOX ID which is used before any other identifier.

1b. Identifier Tiebreaker Logic Scenarios

- i. When both firms must have an LEI/CiCI then rank based on the two LEI/CICIs.
- ii. When one firm has an LEI/CICI and the other firm has a DTCC ID but does not have an LEI then rank based on the comparison of the LEI/CICI to the DTCC ID.

- iii. When one firm has an LEI/CICI and the other firm has an AVOX ID but does not have an LEI then rank based on the comparison of the LEI/CICI to the AVOX ID.
- iv. When neither firm has an LEI/CICI and both firms have a DTCC ID then rank based on the two DTCC IDs.
- v. When neither firm has an LEI/CICI and one firm has a DTCC ID and the other firm has only an AVOX ID then rank based on the comparison of the DTCC ID to the AVOX ID.
- vi. A firm will be the RP when that firm has a DTCC ID or LEI/CICI and the other has neither an LEI/CICI nor a DTCC ID nor an AVOX ID. Please note that in all cases the RP will have a DTCC ID and by extension will have an LEI/CICI.
- 2. Determining sort order of identifiers
 - LEI/CICI, DTCC GTR IDs, and AVOX IDs are comprised of characters from the following set {0-9, A-Z}.
 - For avoidance of doubt, before comparing IDs convert all IDs to UPPER CASE only.
 - For comparison basis the sort order will be reverse ASCII sort order. For avoidance of doubt the following are sort order of precedence:
 - Z, Y, X, W, V, U, T, S, R, Q, P, O, N, M, L, K, J, I, H, G, F, E, D, C, B, A, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0.
- 3. When comparing two IDs the RP will be the firm with the first ID in the list when sorted in reverse ASCII sort order.

Exhibit D
Rulebook (marked)

[see attached]

BLOOMBERG SEF LLC RULEBOOK

AUGUST 13, SEPTEMBER 25, 2015

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CHAPTER 1. DEFINITIONS

When used in the Bloomberg BSEF Rules the following terms shall have the respective meanings as follows:

- "Account" means a Person (including a Prime Broker) that (i) granted in Writing (standalone or as part of a broader instrument) to an Account Manager investment or trading authority to send RFQs, place Orders and execute Trades on the SEF on behalf and in the name of such Person; and (ii) is a Counterparty to a Trade. The definition of "Account" shall not include any investor, shareholder or any other Person with beneficial ownership in the Account.
- "Account Manager" means a Person that acts as an agent and attorney-in-fact to buy or sell Swaps via the SEF operated by BSEF in the name and on behalf of another Person. An Account Manager may also be a Participant.
- "Act" or "CEA" means the Commodity Exchange Act, as amended from time to time
- "Affected Person" means a SEF applicant whose admission application is declined or is conditioned or a Person whose status as a Participant is terminated as set forth in Rule 303(e).
- "Affiliate" means, with respect to any Person, any Person who, directly or indirectly, Controls, is Controlled by, or is under common Control with, such other Person.
- "Alleged Error Trade" has the meaning set forth in Rule 516.A(a).
- "Appeals Panel" means a panel appointed by the Chief Compliance Officer pursuant to Rule 620.
- "Applicable Law" means, with respect to any Person, any statute, law, regulation, rule or ordinance of any governmental or Self-Regulatory Organization applicable to such Person, including the CEA and CFTC Regulations.
- "Appropriate Minimum Block Size" means the minimum notional or principal amount for a category of Swap that qualifies as a Block Trade pursuant to CFTC Regulation 43.6.
- "Authorized Representative" means any Person who is authorized by a Participant to represent the Participant in SEF matters pursuant to Rule 307.

- "Authorized Trader" means any natural person who (i) has Trading Access to the SEF operated by BSEF using a Participant ID and (ii) is assigned a valid Trader ID.
- "Block Trade" means a single Swap transaction publicly reportable under Part 43 of the CFTC Regulations that:
 - (a) Involves a Swap that is listed on BSEF;
 - (b) Has a notional or principal amount at or above the Appropriate Minimum Block Size applicable to such Swap; and
 - (c) Is (i) executed in accordance with Rule 522.E; or (ii) reported to BSEF as provided in Rule 531.A.
- "Board" means the Board of Directors of BSEF constituted from time to time in accordance with the Operating Agreement.
- "BSEF" means Bloomberg SEF LLC, a Delaware limited liability company.
- "Bunched Orders" means a single Order placed by an Account Manager for two or more of its Accounts on the SEF operated by BSEF pursuant to Rule 528.
- "Business Day" means a day on which the SEF operated by BSEF is open for trading.
- "By-Laws" means, with respect to any Person that is not an individual, the By-Laws or Operating Agreement of such Person, and, if no other Person is specified, means the By-Laws or Operating Agreement of BSEF.
- "CFTC" or "Commission" means the Commodity Futures Trading Commission or any successor regulatory body.
- "CFTC Regulations" means the rules and regulations promulgated by the CFTC, as amended.
- "Chief Compliance Officer" means the individual appointed by the Board as BSEF's chief compliance officer in accordance with the Operating Agreement, with the duties and responsibilities as may be prescribed by the Board from time to time as set forth in Rule 208.
- "Claim" has the meaning set forth in Rule 902.
- "Cleared Swap" means a Swap that is subject to the mandatory clearing requirement of Section 2(h)(1)(A) of the CEA or any Swap that is intended

by a Participant to be submitted to a DCO for clearing contemporaneously with execution.

- "Clearing Exception" means an exception from the clearing requirement set forth in Section 2(h)(1) of the Act because one counterparty to the transaction is entitled to the exception from the clearing requirement set forth in Section 2(h)(7) of the Act, CFTC Regulations or CFTC Staff No-Action Letters.
- "Clearing Exception Form" has the meaning set forth in Rule 411.
- "Clearing Exempt Transaction" means a Trade exempt from the clearing requirement of Section 2(h)(1) of the Act because one Counterparty to the Trade is entitled to and has elected to use a Clearing Exception.
- "Clearing House" means such Derivatives Clearing Organization(s) or non-U.S. central clearing counterparty(ies) recognized or approved by the CFTC that provide clearing services with respect to any or all of Swaps traded on the SEF operated by BSEF.
- "Clearing House Rules" means the Certificate of Incorporation, the By-Laws and any rule, interpretation, stated policy, or instrument corresponding to any of the foregoing, in each case as adopted or amended from time to time by the Clearing House relating to any or all of the Swaps.
- "Clearing Member" means a member of a Clearing House that is authorized to clear trades in any or all Swaps for a Participant or its Accounts or Customers. Each Clearing Member must sign documentation required by BSEF.
- "Client" means an Account.
- "CLOB" means an Order Book that will match Orders pursuant to pre-determined, non-discretionary methods. The CLOB supports the following order types:
 - (a) Market Order (Fill Or Kill; Immediate or Cancel)
 - (b) Limit Order (Fill_Or_Kill; Immediate_Or_Cancel; Good_Til_Date/Time)
- "Complex Permitted Transaction" has the meaning set forth in Rule 531.B.
- "Compliance Department" means all SEF Officials and/or agents of BSEF (including the Regulatory Services Provider) that assist BSEF with the implementation, surveillance and enforcement of the BSEF Rules and other Obligations.

- "Confirmation" has the meaning set forth in Rule 523(a).
- "Control" means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of securities, by Swap, or otherwise. The terms "controlling" or "controlled" shall have meanings correlative to the foregoing.
- "Counterparty" means a Participant or a Participant's Account or Customer whose Legal Entity Identifier is reported by BSEF to an SDR as a counterparty to a Trade.
- "Covered Package Transaction" means a Package Transaction that has at least one or more of the following components:
 - a. a new issue bond (until February 12, 2016)
 - b. a future (until November 14, 2015)
 - c. an uncleared swap (as defined in Section 1a(47) of the CEA) (until February 12, 2016)
 - d. a non-swap (as defined in Section 1a(47) of the CEA) instrument other than an instrument listed in subsections a or b above or a Treasury bond (until February 12, 2016); or
 - e. a security-based swap (as defined in Section 1a(42) of the CEA) or a mixed swap (as defined in Section 1a(47)(D) of the CEA) (until February 12, 2016).
- "CTI" has the meaning set forth in Rule 524.B.
- "Customer" means any Person who uses an FCM or Introducing Broker as agent in connection with trading in any Swap on the SEF operated by BSEF. The term "Customer" shall include a DMA Customer.
- "Customer Account" means an account carried by a Participant on behalf of a Customer.
- "Daily Settlement Price" means the settlement price for a Swap calculated each Business Day by or on behalf of BSEF. The Daily Settlement Price can be expressed in currency, spread, yield or any other appropriate measure commonly used in swap markets.
- "**DCM**" means a contract market or designated contract market as defined in CFTC Regulation 1.3(h).

- "Derivatives Clearing Organization" or "DCO" has the meaning attributed to such term by Section 1a(9) of the CEA.
- "Direct Market Access" or "DMA" means an arrangement among a Sponsoring Broker, its Customer and BSEF that allows one or more representatives of that Customer to have Trading Access using the Participant ID of the Sponsoring Broker.
- "**Director**" means a member of the Board.
- "Disciplinary Panel" means the panel appointed pursuant to Rule 617613(ab) to conduct hearings in connection with disciplinary proceedings (other than summary impositions of fines pursuant to Rule 601(b)), to make findings, render decisions, and impose sanctions pursuant to Chapter 6 of the Rules. The Disciplinary Panel must meet the composition requirements set forth in Part 40 of the CFTC Regulations and the composition requirements set forth in Rule 617613(ab).
- "Disclosed Order Book" means a screen on the SEF Platform where Participants have the ability to enter multiple bids and offers, observe or receive bids and offers entered by other market participants, and transact on such bids and offers.
- "**Dispute**" has the meaning set forth in Rule 701.
- "**DMA Customer**" means a Customer of a Sponsoring Broker where representatives of the Customer that are natural persons are designated by the Sponsoring Broker to have Trading Access to the SEF Platform using the Participant ID of the Sponsoring Broker and where such Customer signs the DMA Customer Documentation.
- "DMA Customer Documentation" means the agreements (together with any applicable schedules, exhibits or appendices thereto required by BSEF) in form and substance acceptable to BSEF, that are required to be executed and delivered to BSEF before a DMA Customer may access the SEF Platform
- "**DMA Order**" means an Order or RFQ placed by a DMA Customer using the Participant ID of the Sponsoring Broker.
- "ECP" means an eligible contract participant as defined in Section 1a(18) of the CEA.
- "Eligibility Criteria" means the criteria set forth in Rule 301(a).
- "Emergency" means any occurrence or circumstance that, in the opinion of the Board, or a Person or Persons duly authorized to issue such an opinion on behalf of the Board under circumstances and pursuant to procedures that

are specified, requires immediate action and threatens or may threaten such things as the fair and orderly trading in, or the liquidation of or delivery pursuant to, any agreements, contracts, swaps or transactions or the timely collection and payment of funds in connection with clearing and settlement by a derivatives clearing organization, including: (a) any manipulative or attempted manipulative activity; (b) any actual, attempted or threatened corner, squeeze, congestion or undue concentration of positions; (c) any circumstances which may materially affect the performance of agreements, contracts, swaps or transactions, including failure of the payment system or the bankruptcy or insolvency of any participant; (d) any action taken by any governmental body, or any other registered entity, board of trade, market or facility which may have a direct impact on trading or clearing and settlement; (e) at the request of the CFTC; and (f) any other circumstance which may have a severe, adverse effect upon the functioning of BSEF.

"Emergency Rules" has the meaning set forth in Rule 212(a).

"End of Trading" means such time as BSEF may from time to time prescribe. The End of Trading is the time as of which such actions as are specified in the BSEF Rules or the relevant Swap Specifications as taking place at the end of a Business Day, such as determination Daily Settlement Prices, will occur.

"Error Trade" has the meaning set forth in Rule 516.A(b).

"Fill-Or-Kill" means that the Order must be immediately filled completely or canceled.

"Financial Entity" has the meaning set forth in CEA Section 2(h)(7)(C).

"Futures Commission Merchant" or "FCM" has the meaning set forth in Section 1a(28) of the CEA.

"Good-til-Date/Time" means that the Order has an expiration time and date.

"Governmental Body" means (a) any U.S. or non-U.S. federal, national, state or local court or (b) any U.S. or non-U.S. federal, national, state or local entity that is (i) a governmental authority, (ii) a regulatory body or (iii) a self-regulatory body.

"Hearing Panel" means a panel responsible for adjudicating disciplinary cases pursuant to a Notice of Charges authorized by a Review Panel.

"Immediate-Or-Cancel" means that the Order may be filled partially, but the Order must be actioned immediately, or else canceled. Any remaining portion will be canceled.

- "Interested Person" has the meaning attributed to such term in Rule 210(a).
- "Introducing Broker" has the meaning set forth in CFTC Regulation 1.3(mm).
- "ISDA" means the International Swaps and Derivatives Association, Inc.
- "ISV" means an independent software vendor.
- "Legal Entity Identifier" has the meaning set forth in Part 45 of the CFTC Regulations.
- "Local Law" has the meaning attributed to such term in Rule 810(a).
- "Major Swap Participant" has the meaning set forth in Section 1a(33) of the CEA.
- "Manual Order Ticket" means a function provided by BSEF that allows a Participant to send a firm offer to enter into a Permitted Transaction to another Participant.
- "MAT Recipient Participant" shall have the meaning set forth in Rule 522.A(b).
- "NFA" means the National Futures Association.
- "No-Bust Range" shall have the meaning set forth in Rule 535(c).
- "Non-Cleared Swap" means a Swap that is not a Cleared Swap.
- "Non-Cleared Swap Agreement" means an agreement that governs the performance and settlement of a Non-Cleared Swap including any applicable credit support and default provisions.
- "Notice of Charges" means a notice sent by the Compliance Department pursuant to Rule 607.
- "Notice to Participants" means a communication sent by or on behalf of BSEF to all Participants as described in Rule 310.
- "Obligation" means each BSEF Rule, order or procedure issued by BSEF, including Notice to Participants, and other requirement implemented by BSEF under the BSEF Rules.
- "Officer" has the meaning attributed to such term in Rule 208.
- "Operating Agreement" means the operating agreement of BSEF.

- "Order" means (i) a response to a Request For Quote, (ii) a response to a Resting Quote, (iii) the display of a quote on an Order Book or (iv) a firm offer to enter into a Swap.
- "Order Book" means the trading system or platform operated by BSEF in which all market participants in the trading system or platform have the ability to enter multiple bids and offers, observe or receive bids and offers entered by other market participants, and transact on such bids and offers. A Participant must indicate if a bid or offer posted on an Order Book is firm or indicative.
- "Package Transaction" means a transaction involving two or more instruments:
 - (2) that is executed between two or more Counterparties;
 - (3) that is priced or quoted as one economic transaction with simultaneous or near simultaneous execution of all components;
 - (4) that has at least one component that is a Required Transaction; and
 - (5) where the execution of each component is contingent upon the execution of all other components.
- "Participant" means any Person that has signed the Participant Documentation and has been granted, and continues to have, Trading Privileges under the BSEF Rules. Subject to Applicable Law, a Participant may trade for its own proprietary account or for or on behalf of a Customer or Account. An ISV cannot be a Participant.
- "Participant Documentation" means the agreements (together with any applicable schedules, exhibits or appendices thereto required by BSEF) in form and substance acceptable to BSEF, that are required to be executed and delivered to BSEF before a Person may access the SEF operated by BSEF as a Participant.
- "Participant ID" means each unique identifier assigned to a Participant by BSEF for access to the SEF operated by BSEF.
- "**Permitted Transaction**" means any transaction involving (i) a Swap that is not a Required Transaction or (ii) a Required Transaction that is a component of a Covered Package Transaction.
- "Person" means a natural person or an entity.
- "**Pre-Execution Communication**" means a communication between two Persons for the purpose of discerning interest in the execution of a Swap prior to execution of the Swap on the SEF operated by BSEF, including any communication that involves discussion of the size, side of market, or price

- of an Order or a potentially forthcoming Order; provided that any communication between two Persons that involves an agreement between the parties to a Swap that legally binds the parties to such Swap shall not be considered a Pre-Execution Communication.
- "President" means the individual appointed by the Board as BSEF's chief executive officer in accordance with the Operating Agreement, with the duties and responsibilities as may be prescribed by the Board from time to time as set forth in Rule 208.
- "**Prime Broker**" means a Person that provides prime brokerage services and that has authorized a Participant to send RFQs, place Orders or enter into Trades in the name and on behalf of such Person.
- "Prime Broker Trade" means a Trade in a Non-Cleared Swap where one Counterparty is a Prime Broker and the other is a Participant with which the Prime Broker has a Non-Cleared Swap Agreement. Only a Permitted Transaction can be a Prime Broker Trade.
- "**Proprietary Account**" has the meaning set forth in CFTC Regulation 1.3(y).
- "**Public Director**" means a Person that meets the qualifications described in Rule 207(e).
- "Qualified Account Manager" means any Person with more than \$25,000,000 in total assets under management that is either: (A) a commodity trading advisor registered pursuant to Section 4n of the Act, or exempt from registration under the Act, or a principal thereof, who has discretionary trading authority or directs client accounts; (B) an investment adviser who has discretionary trading authority or directs client accounts and satisfies the criteria of $\S 4.7(a)(2)(v)$ of Part 43 of the CFTC Regulations; or (C) a foreign person who performs a similar role or function as the persons described in paragraphs (h)(6)(i)(A) or (h)(6)(i)(B) of CFTC Regulation 43.6 and is subject as such to foreign regulation.
- "Regulatory Oversight Committee" means the committee of the Board constituted in accordance with Rule 204.
- "Regulatory Services Agreement" means the agreement between BSEF and the Regulatory Services Provider whereby the Regulatory Services Provider provides market surveillance and trade practice surveillance functions as well as other compliance related services to the SEF operated by BSEF.
- "Regulatory Services Provider" means the organization which provides regulatory services to BSEF pursuant to a Regulatory Services Agreement.

- "Reporting Counterparty" has the meaning set forth in Part 45 of the CFTC Regulations.
- "Reserve Price" means an Order that will be automatically sent to the recipient Participant that responds with a price that is at or better than the price designated in advance by the Requesting Participant. This order type is available for interest rate swaps.
- "Request for Quote" or "RFQ" means an electronic message disseminated on the SEF Platform for the purposes of soliciting bids or offers for a specific Swap.
- "Request for Quote Functionality" means a functionality of the SEF Platform that allows a Requesting Participant to send an RFQ to buy or sell a Swap to any Participant, to which all such Participants may respond with a firm or indicative quote. An RFQ can be sent as a request for quote or as a request for streaming quote. All RFQs and responses to RFQs will disclose the name of the Person with which the Authorized Trader who placed an Order or sent an RFQ is associated in BSEF records. The Requesting Participant may accept a firm response to a request for quote from a recipient Participant. For requests for non-streaming quotes, the Requesting Participant's Order may be filled at the price the Requesting Participant accepted or at the subsequent price from the same recipient Participant compared to responses to such request for quote from other recipient Participants received by the Requesting Participant during the same request for quote session.

The Reserve Price order type is available for Request for Quote Functionality for requests for non-streaming quotes.

- "Requesting Participant" means a Participant initiating an RFQ.
- "Required Transaction" means any transaction involving a Swap that is subject to the trade execution requirement of Section 2(h)(8) of the Act.
- "Resting Quote" means any firm or indicative bid or offer displayed on an Order Book.
- "Review Panel" means a panel responsible for determining whether a reasonable basis exists for finding a violation of BSEF Rules, and for authorizing the issuance of notices of chargers against Persons alleged to have committed violations if the Review Panel believes that the matter should be adjudicated.
- "Rules" means, with respect to any Person, the rules of such Person and the interpretations, resolutions, orders, directives and procedures of the

Person thereunder as in effect from time to time, and if no other Person is specified, means the Rules of the SEF operated by BSEF and the interpretations, resolutions, orders and directives and procedures of the SEF operated by BSEF thereunder as in effect from time to time.

"SDR" means a swap data repository, as defined in Section 1a(48) of the CEA.

"SEC" means the U.S. Securities and Exchange Commission.

"SEF" means a swap execution facility as defined in Section 1a(50) of the CEA.

"SEF Action" and "SEF Actions" have the meanings attributed to such terms in Rule 210(a).

"SEF Data" has meaning set forth in Rule 803(a).

"SEF Activity" means business for which a Participant is subject to the BSEF Rules, which is purportedly conducted subject to the BSEF Rules, or which should have been conducted subject to the BSEF Rules including Permitted Transactions and Block Trades.

"SEF Official" means any Director or Officer of, or individual employed directly by, BSEF, the Regulatory Services Provider or any individual rendering similar services to BSEF under an administrative or similar agreement.

"SEF Platform" means the electronic trading system of the SEF established and operated by BSEF, or any successor thereto, that is made available by BSEF to Participants for trading in Swaps.

"SEF Proceeding" has the meaning attributed to such term in Rule 210(a).

"Self-Regulatory Organization" or "SRO" shall, unless otherwise provided, have the meaning attributed to such term in CFTC Regulation 1.33(ee) and, in addition, shall include a Derivatives Clearing Organization, and a registered futures association. BSEF is a self-regulatory organization.

"Sponsoring Broker" means a Participant that allows its designated Customers to access the SEF Platform using the Participant ID of the Participant and (i) with respect to Cleared Swaps, is a Clearing Member; and (ii) with respect to Non-Cleared Swaps, is (x) an FCM or Introducing Broker; or (y) non-U.S. Person acting in a similar capacity that is not required to register as an FCM or Introducing Broker under the Act and that is appropriately licensed in a jurisdiction where its DMA Customer is located

- "Supervised Persons" means any directors, officers, employees or agents of any Participant.
- "Swap" means any agreement, contract or transaction that is a swap as defined in Section 1a(47) of the CEA and as further defined by the CFTC, which is listed on the SEF operated by BSEF in accordance with CFTC Regulation 37.4.
- "Swap Dealer" has the meaning set form in Section 1a(49) of the CEA.
- "Swap Specification" means, with respect to any Swap, the Rules or other trading protocols containing specifications for such Swap, as adopted, amended, supplemented or otherwise modified from time to time by BSEF.
- "Terms Incorporated by Reference" has the meaning set forth in Rule 523(c).
- "Trade" means any purchase or sale of any Swap made on the SEF Platform or subject to BSEF Rules.
- "Trade Communication" has meaning set forth in Rule 523(c).
- "Trader ID" means a unique identifier issued to each Authorized Trader which enables BSEF to identify the individual entering RFQs or Orders into the SEF operated by BSEF.
- "Trading Access" means the right granted to an Authorized Trader to send RFQs or place Orders and/or enter into transactions for certain or all Swaps to the SEF Platform or execute Swaps subject to the BSEF Rules.
- "Trading Account" means, with respect to each Participant, Account or Customer, each account established and maintained by such Participant at BSEF through which the Participant will trade Swaps and through which BSEF will monitor the open Swap positions and closed Swap positions of such Participants, Accounts or Customers.
- "**Trading Hours**" means, for any Business Day, the hours as may be published by BSEF in a Notice to Participants from time to time.
- "Trading Privileges" means the right granted to a Participant to use, directly or indirectly, the SEF operated by BSEF for execution of Swaps. No Person may exercise Trading Privileges on behalf of a Participant during any suspension of such Participant's Trading Privileges.
- "Written" or "Writing" means printing, lithography, photography, and other modes of representing or reproducing words or data in a visible form, including electronic transmissions.

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The following rules of construction shall apply to the BSEF Rules:

- (i) the headings in the BSEF Rules are for convenience only and do not affect the construction of the BSEF Rules;
- (ii) all references to time in the BSEF Rules are to local time in New York, New York, except where expressly provided otherwise;
- (iii) in the BSEF Rules, words denoting a singular number include the plural number where the context permits and vice versa;
- (iv) where the context permits or requires, any pronoun shall include the corresponding masculine, feminine and neuter forms;
- (v) forms of the word "include" mean that the inclusion is not limited to the items listed;
- (vi) "or" is disjunctive but not exclusive;
- (vii) references in the BSEF Rules to statutory provisions include those provisions as amended, and any rules or regulations promulgated thereunder.

CHAPTER 2. SEF GOVERNANCE

RULE 201. Board

- (a) The Board shall manage the business and affairs of BSEF in accordance with the Operating Agreement. At all times the Board must be composed of at least 35%, but no less than two, Public Directors. The Board has the power and authority to call for review, and to affirm, modify, suspend or overrule, any and all decisions and actions of standing committees or special committees of the Board or any panel of the Officers.
- (b) The Board may act (including to appoint Public Directors, to the extent provided in the Operating Agreement) only by the decision of an absolute majority in number of the members of the Board, either by vote at a meeting or by Written consent without a meeting.
- (c) Each Director (including Public Directors) shall be appointed in accordance with the Operating Agreement and the procedures included therein and shall serve until his or her successor is duly appointed, or until his or her earlier resignation or removal, with or without cause.
- (d) The members of the Board, including Public Directors, shall be of sufficiently good repute and, where applicable, have sufficient expertise in financial services.

- (e) The percentage of Public Directors required to serve on the Board or any committee thereof pursuant to this Chapter 2 shall be deemed to be modified to comply with the CEA and CFTC Regulations, in each case, as in effect from time to time.
- (f) Without limitation of any other provisions of this Rule 201, the provisions of Article III of the Operating Agreement shall be deemed to be part of the BSEF Rules, and shall be deemed to be incorporated herein, to the same extent and with the same force and effect as if set forth herein in their entirety.

RULE 202. [Reserved]

RULE 203. [Reserved]

RULE 204. Regulatory Oversight Committee

- (a) The Regulatory Oversight Committee of the Board shall consist only of Public Directors, appointed by the Board. Each member of the Regulatory Oversight Committee shall serve until the due appointment of his or her successor, or until his or her earlier resignation or removal, with or without cause, as a member of the Regulatory Oversight Committee or as a Director. A member of the Regulatory Oversight Committee may serve for multiple terms. The Regulatory Oversight Committee shall report to the Board.
- (b) The Regulatory Oversight Committee shall oversee BSEF's regulatory program on behalf of the Board. It shall make such recommendations to the Board as will, in its judgment, best promote the interests of the SEF operated by BSEF. The Regulatory Oversight Committee shall also have such other powers and perform such other duties as set forth in the BSEF Rules, the Operating Agreement and as the Board may delegate to it from time to time.
- (c) Without limiting the generality of the foregoing, the Regulatory Oversight Committee shall have authority to:
 - (i) Monitor the compliance program of the SEF operated by BSEF for sufficiency and effectiveness;
 - (ii) Oversee all facets of the compliance program, including trade practice and market surveillance, audits, examinations conducted by the Regulatory Services Provider and other regulatory responsibilities with respect to Participants, Customers and Accounts (including ensuring compliance with any financial integrity, financial reporting, sales practice, recordkeeping and other requirements), and overseeing the conduct of investigations by the Regulatory Services Provider;
 - (iii) Review the size and allocation of the regulatory budget and resources and the number, hiring and termination, and compensation of compliance personnel;
 - (iv) Assist BSEF in minimizing actual and potential conflicts of interest;
 - (v) Recommend changes that would ensure fair, vigorous, and effective compliance; and

- (vi) Review compliance proposals and advise the Board as to whether and how such changes may impact compliance.
- (d) The Regulatory Oversight Committee shall oversee the regulatory program of the SEF operated by BSEF on behalf of the Board. The Board shall delegate sufficient authority, dedicate sufficient resources, and allow sufficient time for the Regulatory Oversight Committee to fulfill its mandate.

RULE 205. Additional Committees and Panels

- (a) The Board may create such additional standing committees of the Board as it may from time to time deem necessary or advisable.
- (b) In addition to the standing committees, the Board may from time to time constitute and appoint, by Rule or resolution, special committees of the Board and designate their composition, responsibilities and powers.
- (c) BSEF may create additional committees of BSEF, or panels, for such purposes as may from time to time be necessary or advisable. Members of each such committee may be members of the Board, Supervised Persons of Participants or such other individuals as may be qualified to serve on such committee.

RULE 206. Power of the Board to Review Decisions

The Board has the power and authority to call for review, and to affirm, modify, suspend or overrule, any and all decisions and actions of standing committees or special committees of the Board.

RULE 207. Eligibility

- (a) A Director must meet the qualifications set forth from time to time in the Operating Agreement.
- (b) An individual may not serve as a Director or serve on a committee established by the Board, a Disciplinary Panel or an Appeals Panel if the individual:
 - (i) within the prior three (3) years has been found, by a final decision in any action or proceeding brought in a court of competent jurisdiction, the CFTC or any Self-Regulatory Organization, to have committed a disciplinary offense;
 - (ii) within the prior three (3) years has entered into a settlement agreement in which any of the findings or, in the absence of such findings, any of the acts charged, included a disciplinary offense;
 - (iii) has been suspended or expelled from membership in a Self-Regulatory Organization, is serving any sentence or probation, or owes any portion of a fine or penalty related to either;

- 1. a finding of a disciplinary offense by a final decision in any action or proceeding brought in a court of competent jurisdiction, the CFTC, or any Self-Regulatory Organization; or
- 2. a settlement agreement in which any of the findings or, in the absence of such findings, any of the acts charged included a disciplinary offense.
- (iv) is currently subject to an agreement with the CFTC or Self-Regulatory Organization not to apply for registration with the CFTC or for membership in the Self-Regulatory Organization;
- (v) is currently, or within the past three (3) years has been, subject to a revocation or suspension of registration by the CFTC;
- (vi) has been convicted of a felony listed in Section 8a(2)(D)(ii) through (iv) of the CEA; or
- (vii) is currently subject to a denial, suspension or disqualification from serving on a disciplinary committee, arbitration or appeals panel or governing board of any Self-Regulatory Organization.self-regulatory organization, as that term is defined in CFTC Regulations § 1.63(a).
- (c) Any Director, member of a committee established by the Board or any member of a Disciplinary Panel, an Appeals Panel, any individual nominated to serve in any such role, or any individual authorized by the Regulatory Oversight Committee to take summary action shall immediately notify the President if such individual meets one or more of the criteria in Rule 207(b).
- (d) For purposes of this Rule, the terms "disciplinary offense," "final decision," and "settlement agreement" have the meanings set forth in CFTC Regulation 1.63(a).
- (e) To qualify as a Public Director, a Director must be found, by the Board on the record, to have no material relationship with BSEF or any of its Affiliates. A "material relationship" is one that reasonably could affect the independent judgment or decision making of such individual as a Public Director. In addition, an individual shall not be considered a "Public Director" if any of the following circumstances exist:
 - (i) such Director is an Officer or an employee of BSEF, or an officer or an employee of an Affiliate of BSEF;
 - (ii) such Director is a Participant, or a director, an officer or an employee of a Participant; or
 - (iii) such Director, or an entity with which the Director is a partner, an officer, or a director, receives more than \$100,000 in combined annual payments for legal, accounting, or consulting services from BSEF or any Affiliate of BSEF. Compensation for services as a director of BSEF or as a director of an Affiliate of BSEF does not count toward the \$100,000 payment limit, nor does deferred compensation for services rendered

prior to becoming a Director of BSEF, so long as such compensation is in no way contingent, conditioned or revocable.

- (f) Any of the relationships set forth in sub-paragraphs (e)(i) through (iii) of this Rule apply to the "immediate family" of such Director, i.e., spouse, parents, children and siblings.
- (g) A Public Director may also serve as a director of an Affiliate of BSEF if he or she otherwise meets the requirements in paragraphs (e) and (f) of this Rule.

RULE 208. Officers

The Board shall appoint a President, a Chief Compliance Officer, one or more vice presidents, a secretary, a treasurer, and such other officers of BSEF (all of the foregoing, collectively, the "Officers") as it may deem necessary or appropriate from time to time, in accordance with the Operating Agreement. The Officers shall have such powers and duties in the management of BSEF as the Board may prescribe from time to time in accordance with the Operating Agreement. Each Director and Officer is entitled to indemnification pursuant to the Operating Agreement with respect to matters relating to BSEF.

RULE 209. Chief Compliance Officer

- (a) The Board shall appoint and approve the Chief Compliance Officer. The Board shall approve the compensation of the Chief Compliance Officer. Removal of the Chief Compliance Officer shall require the approval of a majority of the Board. BSEF shall notify the CFTC of the removal of the Chief Compliance Officer and the appointment of any new Chief Compliance Officer, whether interim or permanent, within two Business Days of such appointment.
- (b) The individual designated to serve as Chief Compliance Officer shall have the background and skills appropriate for fulfilling the responsibilities of the position. No individual disqualified from registration pursuant to Sections 8a(2) or 8a(3) of the CEA may serve as a Chief Compliance Officer. The Chief Compliance Officer may not be a member of BSEF's legal department and may not serve as its general counsel.
- (c) The Chief Compliance Officer shall report directly to the Board. The Chief Compliance Officer shall meet with the Board at least annually. The Chief Compliance Officer shall also meet with the Regulatory Oversight Committee at least quarterly. Each such meeting may occur in person or by means of conference telephone. The Chief Compliance Officer shall provide any information regarding the regulatory program of the SEF operated by BSEF that is requested by the Board or the Regulatory Oversight Committee.
- (d) The position of Chief Compliance Officer shall carry with it the authority and resources to develop and enforce policies and procedures necessary to fulfill the duties set forth for chief compliance officers in the Act and the CFTC Regulations. The Chief Compliance Officer shall have supervisory authority over all staff acting in furtherance of the Chief Compliance Officer's obligations.

- (e) The Chief Compliance Officer's duties shall include, but are not limited to, the following:
 - (i) Overseeing and reviewing the compliance of the SEF operated by BSEF with Section 5h of the Act and any CFTC Regulations;
 - (ii) In consultation with the Board or the senior Officer of BSEF, resolving any conflicts of interest that may arise, including: (1) conflicts between business considerations and compliance requirements; (2) conflicts between business considerations and the requirement that the SEF operated by BSEF provide fair, open, and impartial access as set forth in CFTC Regulation 37.202; and (3) conflicts between BSEF's management and members of the Board;
 - (iii) Establishing and administering Written policies and procedures reasonably designed to prevent violation of the Act and any Rules adopted by the Commission;
 - (iv) Taking reasonable steps to ensure compliance with the Act and CFTC Regulations relating to agreements, contracts, or transactions, and with CFTC Regulations under Section 5h of the CEA;
 - (v) Establishing procedures for the remediation of noncompliance issues identified by the Chief Compliance Officer through a compliance office review, look-back, internal or external audit finding, self-reported error, or validated complaint;
 - (vi) Establishing and following appropriate procedures for the handling, management response, remediation, retesting, and closing of noncompliance issues;
 - (vii) Establishing and administering a compliance manual designed to promote compliance with the applicable laws, Rules, and regulations and administering a Written code of ethics designed to prevent ethical violations and to promote honesty and ethical conduct;
 - (viii) Supervising the SEF's compliance program with respect to trade practice surveillance; market surveillance; real-time market monitoring; compliance with audit trail requirements; enforcement, disciplinary and appeals proceedings; audits, examinations conducted by the Regulatory Services Provider, and other regulatory responsibilities with respect to Participants, Accounts and Customers (including ensuring compliance with, if applicable, financial integrity, financial reporting, sales practice, recordkeeping, and other requirements);
 - (ix) Supervising the effectiveness and sufficiency of any regulatory services provided to BSEF by the Regulatory Services Provider; and
 - (x) Preparing and filing the annual compliance report of BSEF.

RULE 210. Conflicts of Interest

- (a) A Director, Officer, panel member or other Person authorized to exercise BSEF's authority concerning any inquiry, investigation or any disciplinary or appeals proceeding, summary suspension, or other summary actions (any such action, a "SEF Action" and, collectively, "SEF Actions"), or Emergency actions taken pursuant to Rule 212 (each such SEF Action or Emergency Action, a "SEF Proceeding") who knowingly has a "material conflict of interest" between his or her position as a Director, Officer, panel member or exercise of authority concerning any SEF Proceeding and his or her personal interests (each, an "Interested Person") may not participate in any deliberations or vote of the Board committee, panel or exercise any authority in any SEF Proceeding involving his or her personal interest, except as described in Rule 210(d).
- (b) For purposes of Rule 210(a), a "material conflict of interest" includes a Director's, Officer's, or other Person's:
 - (i) being named as a respondent or potential respondent in a SEF Proceeding;
 - (ii) being an employer, employee, fellow employee or an Affiliate of a respondent or potential respondent in a SEF Proceeding;
 - (iii) having any significant, ongoing business relationship with a respondent or potential respondent in a SEF Proceeding;
 - (iv) having a family relationship with a respondent or potential respondent in a SEF Proceeding (including the individual's spouse, co-habitator, former spouse, parent, step-parent, child, step-child, sibling, step-brother, step-sister, grandparent, grandchild, uncle, aunt, nephew, niece, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law or sister-in-law); and/or
 - (v) having a direct and substantial financial interest in the result of the deliberations or vote based upon either SEF or non-SEF positions. A direct and substantial financial interest includes positions held in Swaps in the accounts of, Controlled by, or affiliated with the Interested Person or any other types of direct and substantial financial positions of the Interested Person that are reasonably expected to be affected by the deliberations or vote.
- (c) Before considering any SEF Proceeding, an Interested Person must disclose in Writing to the Board the material facts concerning his or her relationship or interest in the matter.
- (d) Any Interested Person who would be required otherwise to abstain from deliberations and voting pursuant to Rule 210(a) as a result of having a direct and substantial financial interest in the result of the deliberations and vote may participate in deliberations, prior to a vote on the matter, if:
 - (i) the material facts about the Interested Person's financial interest in the matter are disclosed or known to the Board;

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- (ii) the Board determines that the participation by the Interested Person would be consistent with the public interest; and
- (iii) a majority of the Directors (excluding any Interested Persons) vote to allow the Interested Person to participate in deliberations on the matter.
- (e) If a determination is made pursuant to Rule 210(d) that an Interested Person may participate in deliberations prior to a vote, then the minutes of the meeting of the Board or committee thereof will reflect the determination and the reasons for the determination.
- (f) If a determination is made pursuant to Rule 210(a) that all Directors are Interested Persons with respect to a matter subject to a vote by the Board, the President will appoint a panel of individuals who are not Interested Persons with respect to such matter, which will have the same authority and powers over such matter that the Board would have if the Directors were not Interested Persons with respect to such matter.
- (g) No Director, Officer or member of any committee or panel established by the Board shall use or disclose for any purpose other than the performance of his or her official duties and responsibilities as a Director, Officer or committee or panel member any material, non-public information obtained as a result of the individual's duties and responsibilities as a Director, Officer or committee or panel member. No Director, Officer or committee or panel member shall, directly or indirectly, disclose or use at any time, either during his or her association with BSEF or thereafter, any confidential information of which the Board member or committee or panel member becomes aware. Each Director, Officer or committee or panel member in possession of confidential information shall take all appropriate steps to safeguard the information and to protect it against disclosure, misuse, espionage, loss and theft.
- (h) Notwithstanding Rule 210(g), a Director, Officer or committee or panel member may disclose confidential information if required by Applicable Law or a court order to be revealed to the United States Department of Justice or the CFTC.
- (i) For the purposes of Rule 210(g), the term "material, non-public information" shall mean "material information" that is "nonpublic information," as such terms are defined in CFTC Regulation 1.59(a).

RULE 211. Restrictions on Certain Persons who Possess Material, Non-Public Information: Improper Use or Disclosure of Material Non-Public Information

No member of the Board or of any Board committee, no member of any other committee of BSEF, no Officer of BSEF, no employee of BSEF and no consultant to BSEF shall:

(a) trade for such Person's own account, or for or on behalf of any other account, in any commodity interest on the basis of any material, non-public information obtained through the performance of such Person's official duties;

- (b) use or disclose, for any purpose other than the performance of such Person's official duties, any material, non-public information obtained by such Person as a result of such Person's official duties, <u>provided</u>, <u>however</u>, that this Section shall not prohibit disclosures made by such Person in the course of his or her official duties or disclosures made to the CFTC, any Self-Regulatory Organization, a court of competent jurisdiction or any agency or department of the federal or state government; or
- (c) trade, directly or indirectly, in any Swap traded on the SEF operated by BSEF; in any related commodity interest; or in any commodity interest traded on any DCM or SEF or cleared by any Clearing House if such Person has access to material non-public information concerning such Swap or commodity interest.

RULE 212. Emergency Rules

- (a) In the event of an Emergency, BSEF may implement temporary emergency procedures and rules ("Emergency Rules"), subject to the applicable provisions of the CEA and CFTC Regulations. Implementation of Emergency Rules shall be done in consultation with the CFTC. Emergency Rules may require or authorize BSEF, the Board, any committee of the Board, the President, or any other Officer to take actions necessary or appropriate to respond to the Emergency, including the following actions:
 - (i) suspending or curtailing trading or limiting trading to liquidation only (in whole or in part);
 - (ii) extending or shortening the last trading date for Swaps;
 - (iii) ordering the fixing of a settlement price;
 - (iv) ordering the liquidation or transfer of an open position in any Swap, or the reduction of positions;
 - (v) extending, limiting or changing the Trading Hours;
 - (vi) imposing or modifying intraday market restrictions;
 - (vii) transferring customer contracts and the margin in an emergency;
 - (viii) imposing special margin requirements;
 - (ix) extending or shortening the expiration date of a Swap;
 - (x) altering any Swap's settlement terms and conditions;
 - (xi) imposing or modifying price limits;
 - (xii) imposing, modifying or reducing position limits; and/or

(xiii) temporarily modifying or suspending any provision of the BSEF Rules or Obligations.

- (b) Before any Emergency Rule may be adopted and enforced, a required vote of the Board must approve the implementation of such Emergency Rule at a duly convened meeting requested by the President or any other Officer. Directors may attend such a meeting by teleconference. Each Director participating in such meeting shall be subject to Rule 210. If the President determines that Emergency Rules must be implemented with respect to an Emergency before a meeting of the Board can reasonably be convened, then the President shall have the authority, without Board action, to implement any Emergency Rules with respect to such Emergency that he or she deems necessary or appropriate to respond to such Emergency.
- (c) Whenever BSEF, the Board, any committee of the Board, or the President takes actions necessary or appropriate to respond to an Emergency (including the actions set forth in paragraph (a) above), an Authorized Representative of BSEF will post a Notice to Participants regarding such Emergency, as soon as practicable. When the Board, any committee of the Board or the President determines that the Emergency is no longer in effect, permitting the SEF operated by BSEF to resume normal functioning; any such actions responding to an Emergency will be terminated.
- (d) BSEF will use reasonable efforts to notify the CFTC prior to implementing, modifying or terminating an Emergency Rule. If such prior notification is not possible or practicable, BSEF will notify the CFTC as soon as possible or reasonably practicable, but in all circumstances within twenty-four (24) hours of the implementation, modification or termination of such Emergency Rule.
- (e) Upon taking any action in response to an Emergency, BSEF will document the decision-making process related to such action. Such documentation will be kept for at least five years following the date on which the Emergency ceases to exist or to affect the SEF operated by BSEF, and all such documentation will be provided to the CFTC upon request.

RULE 213. Information-Sharing Agreements

- (a) BSEF shall enter into information-sharing agreements or other arrangements or procedures necessary to allow BSEF to obtain any necessary information to perform any monitoring of trading and Trade processing, provide information to other markets, the CFTC or any other Governmental Body with jurisdiction over BSEF upon request and which allow BSEF to carry out such international information-sharing agreements as the CFTC may require. As part of any information-sharing agreements or other arrangements or procedures adopted pursuant to this Rule, BSEF may:
 - (i) provide market surveillance reports to the CFTC, any Governmental Body with jurisdiction over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets;

- (ii) share information and documents concerning current and former Participants to the CFTC, any Governmental Body with jurisdiction over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets;
- (iii) share information and documents concerning ongoing and completed investigations to the CFTC, any Governmental Body with jurisdiction over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets; and/or
- (iv) require its current or former Participants to provide information and documents to BSEF at the request of the CFTC, any Governmental Body with jurisdiction over BSEF, or, as necessary for BSEF to comply with its SRO obligations, to other markets.
- (b) BSEF may enter into any information-sharing arrangement with any Person or body (including the CFTC, the NFA, any Self-Regulatory Organization, any SEF, DCM, market, or clearing organization, or any Governmental Body) if BSEF (i) believes that such entity exercises a legal or regulatory function under any law or regulation, or a function comprising or associated with the enforcement of a legal or regulatory function, or (ii) considers such arrangement to be in furtherance of the purpose or duties of BSEF and the SEF operated by BSEF under Applicable Law.
- Managers, Authorized Traders, Supervised Persons, Customers or Accounts or their agents, or Trades of Participant or of its Customers or Accounts, including the content of this Agreement, to any Governmental Body, to the Regulatory Services Provider, to an SDR where BSEF reports Trades, to any other person or entity as required by Applicable Law or as necessary to conclude Participant's Trades, submit Participant's Trades for clearance or perform services requested by a Participant, and to any Person providing services to BSEF with respect to the SEF operated by BSEF. BSEF will not disclose any proprietary data or personal information of any Participant, Account Manager, Authorized Trader, Supervised Person, Customer or Account without a corresponding confidentiality agreement between such Person and BSEF, unless the Person requesting such information is a Governmental Body.

RULE 214. Regulatory Services Agreement with the Regulatory Services Provider

BSEF has contracted with the Regulatory Services Provider to provide certain regulatory services to BSEF pursuant to a Regulatory Services Agreement. In accordance with the Regulatory Services Agreement, the Regulatory Services Provider may perform certain surveillance, investigative, and regulatory functions under the BSEF Rules and BSEF may provide information to the Regulatory Services Provider in connection with the performance by the Regulatory Services Provider of those functions. BSEF shall retain ultimate decision-making authority with respect to any functions that are contracted to the Regulatory Services Provider.

RULE 215. Delivery and Service of CFTC Communications for Non-U.S. Participants

In accordance with CFTC Rule 15.05, BSEF will serve as an agent of a non-U.S. Participant or a Customer of non-U.S. Participant for whom Swaps were executed or a non-U.S. Authorized Trader for purposes of accepting delivery and service of any communication issued by or on behalf of the CFTC to the non-U.S. Participant or the Customer of the non-U.S. Participant or the non-U.S. Authorized Trader, in each case with respect to any swap traded on the SEF operated by BSEF.

CHAPTER 3.

PARTICIPANTS

RULE 301. Eligibility Criteria for Becoming a Participant

- (a) To be eligible for admission as a Participant, an applicant must demonstrate to the satisfaction of BSEF that it:
 - (i) is an ECP, and each Account or Customer on whose behalf it wishes to trade on the SEF operated by BSEF is an ECP, in each case eligible to enter into the asset classes of Swaps it wishes to trade on the SEF operated by BSEF;
 - (ii) is of good reputation and business integrity;
 - (iii) maintains adequate financial resources and credit;
 - (iv) is validly organized, in good standing, and authorized by its governing body and, if relevant, documents of organization, to trade Swaps;
 - (v) has not filed for bankruptcy;
 - (vi) is not a SEF Official, agent or affiliate of BSEF;
 - (vii) is not prohibited from using the services of BSEF for any reason whatsoever;
 - (viii) holds all registrations required under Applicable Law, if any;
 - (ix) is not subject to statutory disqualification under Section 8a(2) of the CEA;
 - (x) satisfies any other criteria that BSEF may require from a Participant to perform its SRO responsibilities, comply with Applicable Law or provide SEF services; and
 - (xi) is not an ISV or an automated trading system.
- (b) Once admitted, the Participant shall continue to comply with all applicable Eligibility Criteria in this Rule 301.

- (c) With respect to Cleared Swaps, each Participant that is an Account Manager, FCM or Introducing Broker must ensure that each of its, as applicable, Accounts or Customers has a clearing account with a Clearing Member that is a member of the Clearing House accepting for clearance Cleared Swaps traded on the SEF operated by BSEF and provide BSEF with evidence of such relationship. With respect to Non-Cleared Swaps, each Participant that is an Account Manager or Introducing Broker must ensure that each of its, as applicable, Accounts or Customers complies with Rule 534, if applicable. A DMA Customer that is an Account Manager must ensure that each of its Accounts complies with Rule 534, if applicable. Each Participant or DMA Customer that is an Account Manager must provide BSEF upon BSEF's prior Written request with Written representation or proof of authority to place RFQs or Orders and execute Trades on the SEF operated by BSEF on behalf or in the name of each Account.
- (d) With respect to Cleared Swaps, each Participant that is not an Account Manager must either be a Clearing Member of a Clearing House where the Cleared Swaps are cleared or have a clearing account with a Clearing Member with respect to such Cleared Swap and provide SEF with evidence of such relationship. With respect to Non-Cleared Swaps, each Participant that is not an Account Manager must comply with Rule 534, if applicable.
- (e) Each Participant must provide BSEF with all information necessary for BSEF to establish Trading Accounts, and keep such information current and up-to-date.
- (f) Participants that do not have a relationship with a Clearing Member as set forth in subsection (c) or (d) of this Rule 301 are prohibited from entering RFQs or Orders in Cleared Swaps on the SEF operated by BSEF.
- (g) BSEF shall monitor its Participants to ensure that each Participant continues to qualify as an ECP.
- (h) Upon request of BSEF, a Participant shall promptly provide to BSEF or its Regulatory Services Provider information about its Customers, Accounts and Authorized Traders as BSEF requests related to or in connection with the SEF Activity of such Customers, Accounts and Authorized Traders.

RULE 302. Authorized Traders

- (a) Each Participant shall nominate or designate one or more Authorized Traders, who will conduct SEF Activity on behalf of the Participant.
 - (b) Each Authorized Trader:
 - (i) must be a natural person;
 - (ii) must satisfy any other requirements as may be prescribed by BSEF from time to time; and
 - (iii) must have a Trader ID.

A Participant that authorizes a third party to trade for its Trading Account on a discretionary basis pursuant to a power of attorney or other instrument must identify or approve a specific natural person as its Authorized Trader with respect to such Trading Account.

- (c) Without limiting the foregoing, each Authorized Trader will abide by applicable BSEF Rules and Applicable Law, and each Participant or DMA Customer, as applicable, will ensure on an ongoing basis that:
 - (i) none of its Authorized Traders is subject to a disqualification pursuant to any Applicable Law (unless an appropriate exemption has been obtained with respect thereto);
 - (ii) each of its Authorized Traders will be technically proficient;
 - (iii) each of its Authorized Traders will conduct its business in a fair and equitable manner; and
 - (iv) each of its Authorized Traders will conduct its business in accordance with the BSEF Rules.
- (d) By agreeing to become an Authorized Trader, an individual agrees to be bound by the duties and responsibilities of an Authorized Trader under these Rules and to be subject to, and comply with, the BSEF Rules and Obligations. Among other duties and responsibilities that BSEF may impose, an Authorized Trader must:
 - (i) have the authority, at BSEF's request, to adjust or withdraw any Order submitted under any Trader ID assigned to him or her; and
 - (ii) ensure that any SEF Activity conducted under any Trader ID assigned to him or her complies with all BSEF Rules and Obligations.
- (e) To nominate or designate an Authorized Trader, a Participant must follow the procedures established by BSEF. BSEF may establish criteria that individuals must fulfill to become an Authorized Trader. Any such criteria will be set out in the BSEF Rules. BSEF will not accept the registration as an Authorized Trader of any individual who is a SEF Official.
- (f) BSEF will promptly notify a Participant in Writing of the approval of nominated or designated Authorized Traders or if BSEF declines to approve the nomination or designation.
 - (g) BSEF will maintain a list of all appointed Authorized Traders for each Participant.
- (h) BSEF may, in its sole discretion terminate, revoke or suspend an Authorized Trader and shall promptly notify the Participant in Writing of such action. Upon such termination, revocation or suspension, BSEF will disable access of such Authorized Trader to the SEF operated by BSEF.

(i) To request the termination of the designation of an Authorized Trader, the Participant or the Authorized Trader must notify BSEF following the procedures established by BSEF. BSEF will terminate access of such Authorized Trader to the SEF operated by BSEF immediately upon receipt of such notice from Participant.

RULE 303. Participant Application Process; Termination of Participant

- (a) Any Person who desires to become a Participant shall (i) submit signed Participant Documentation; (ii) agree in Writing to abide by the BSEF Rules and Applicable Law; (iii) provide such information and documentation as may be requested by BSEF; and (iv) follow the application procedures established by BSEF.
- (b) In considering an application from a potential Participant, BSEF may require additional information from the applicant, or conduct an investigation to verify information submitted by the applicant, or both.
- (c) If BSEF decides to admit an applicant as a Participant, it shall promptly notify the applicant and state in such notice the date on which the applicant shall become a Participant.
- (d) If BSEF decides to decline or condition an application for admission as a Participant, or terminate a Person's status as a Participant, BSEF shall promptly notify such Affected Person thereof in a Writing sent to the address provided by the applicant or maintained in BSEF registry of Participants. Such Affected Person may, within seven (7) calendar days, request in Writing that BSEF provide the reasons for the denial, conditioning or termination of Participant status. Within fourteen (14) calendar days after receiving such Written request, BSEF shall send in Writing to the Affected Person the reasons for the denial, conditioning or termination. Within fourteen (14) calendar days of receiving the BSEF's Written response, the Affected Person may request in Writing that BSEF reconsider its determination, and may provide any relevant representations or other information that such Affected Person believes to be relevant to the reconsideration.
- (e) BSEF may deny, condition or terminate Participant status of any Person if: (i) such Person is unable to satisfactorily demonstrate its ability to satisfy the Eligibility Criteria as set forth in Rule 301(a) to become or remain a Participant; (ii) such Person is unable to satisfactorily demonstrate its capacity to adhere to all applicable BSEF Rules; (iii) such Person would bring BSEF into disrepute as determined by BSEF in its sole discretion; or (iv) for such other cause as BSEF may reasonably determine.

RULE 304. Trading Privileges of a Participant

(a) Upon admission as a Participant, the Participant must execute such Participant Documentation as required from time to time by BSEF, and such Participant Documentation must remain in effect for the Participant to access the SEF operated by BSEF.

(b) Admission as a Participant entitles the Participant only to Trading Privileges and does not confer any right of ownership in, or right to attend or vote at meetings of, BSEF, or right to share in the profits, of BSEF. A Participant may not transfer or assign its status as a Participant.

RULE 305. Termination or Limitation of Trading Privileges and Trading Access

- (a) Notwithstanding anything in the BSEF Rules to the contrary, the Chief Compliance Officer may, after consultation with the Regulatory Oversight Committee, if practicable, summarily suspend, revoke, limit, condition, restrict or qualify the Trading Privileges of a Participant or the Trading Access of an Authorized Trader, and may take other summary action against any Participant or any of its Supervised Persons or any Authorized Trader in accordance with the BSEF Rules; provided, however, that the Chief Compliance Officer must reasonably believe that the business, conduct or activities of the Participant, Authorized Trader or Supervised Person in question is not in the best interests of BSEF or the marketplace, including based on any of the following: (i) statutory disqualification from registration as provided in CEA Section 8a(2) or (3); (ii) non-payment of fees, costs, charges, fines or arbitration awards; or (iii) the reasonable belief that immediate action is necessary to protect the public or the best interests of BSEF and the SEF operated by BSEF. BSEF may deny or limit Trading Privileges of a Participant or Trading Access of any Authorized Trader upon default of the Participant, Customer or Account, as applicable, on any Swap with respect to such Participant, Customer or Account.
- (b) Whenever practicable, the Compliance Department, acting on behalf of the Chief Compliance Officer, shall provide prior Written notice to the party against whom any action in accordance with paragraph (a) shall be taken. If prior notice is not practicable, BSEF will give notice at the earliest possible opportunity to the respondent against whom the action is brought. The Compliance Department, acting on behalf of the Chief Compliance Officer, will prepare a notice of summary action (which will state the action, the reasons for the action, and the effective time, date and duration of the action) and serve the notice on such party.
- (c) The summary action will become final upon the expiration of 20 days after the notice of action is served on the respondent.
- (d) At the request of BSEF, a respondent against whom a summary action is brought pursuant to this Rule 305 must provide books and records over which the respondent has access or control and must furnish information to, or appear or testify before, BSEF or the in connection with the enforcement of any BSEF Rule.
- (e) <u>BSEF Participant</u> may review an appeal by any applicant of BSEF's decision to deny or otherwise limit Trading Privileges or Trading Access of such applicant pursuant to the <u>BSEF Rules decision taken by BSEF under this Rule 305 as provided in Rule 620</u>; provided, however, that any such decision by BSEF to deny or otherwise limit applicant's Trading Privileges or Trading Access shall continue in effect during such review.

RULE 306. Assessments and Fees

BSEF shall set the times and amounts of any assessments or fees to be paid by Participants, which assessments or fees shall be paid to BSEF when due. If a Participant fails to pay when due any such assessments or fees levied on such Participant, and such payment obligation remains unsatisfied for thirty days after its due date, BSEF may suspend, revoke, limit, condition, restrict or qualify the Trading Privileges of such Participant as it deems necessary or appropriate.

RULE 307. Authorized Representatives

Each Participant shall designate one or more Authorized Representatives who will represent the Participant before BSEF and its committees and receive notices on behalf of the Participant. The Authorized Representative shall be empowered by the Participant to act on its behalf and BSEF shall be entitled to rely on the actions of the Authorized Representative as binding on the Participant. Each Participant must provide BSEF with current contact and other requested information for each of its Authorized Representatives so that BSEF is able to immediately contact the Authorized Representatives.

RULE 308. Recording of Communications

BSEF may record conversations and retain copies of electronic communications between SEF Officials, on one hand, and Participants, their Account Managers, Authorized Traders, Supervised Persons or other agents, on the other hand, to the extent required by Applicable Law. Any such recordings may be retained by BSEF or the Regulatory Services Provider in such manner and for such periods of time as BSEF may deem necessary or appropriate.

RULE 309. Notices to Participants

BSEF shall publish a notice with respect to each addition to, modification of, or clarification of, the BSEF Rules or of any action to implement any BSEF Rules, in a form and manner that is reasonably designed to enable each Participant to become aware of and familiar with, and to implement any necessary preparatory measures to be taken by it with respect to, such addition or modification, prior to the effective date thereof (each a "Notice to Participants"). For purposes of publication in accordance with the first sentence of this Rule, it shall be sufficient (without limiting the discretion of BSEF as to any other reasonable means of communication) if a Notice to Participants is published on BSEF's website and posted on BSEF's internal notification system. Any Notice to Participants shall also be deemed to have been made to all Account Managers, Authorized Traders and Supervised Persons.

RULE 310. Communications between BSEF and Participants

Each Participant must provide BSEF with its current electronic mail address and telephone number and the electronic mail address and telephone number of any of its Authorized Traders and immediately (and in any event within 24 hours) update this information whenever it changes. All communications between BSEF and the Participant will be transmitted by electronic mail and/or posted on BSEF's website, except as otherwise specified by BSEF. The Participant shall be

responsible for conveying such communications to its Authorized Traders and/or to its Account Managers. Each Participant will be responsible for promptly reviewing and, if necessary, responding to all electronic communications from BSEF to the Participant or any of its Account Managers, Authorized Traders, Supervised Persons or any Person to whom it has given Trader ID(s). All communications made to a Participant shall also be deemed to have been made to all Account Managers, Authorized Traders and Supervised Persons of such Participant.

RULE 311. Application of BSEF Rules and Jurisdiction

- ANY MARKET PARTICIPANT THAT DIRECTLY OR INDIRECTLY EFFECTS A TRANSACTION ON THE SEF OPERATED BY BSEF, OR ANY PARTICIPANT, AUTHORIZED TRADER OR OTHER PERSON ACCESSING OR ENTERING ANY RFO OR ORDER OR SUBMITTING ANY SWAP INTO THE SEF OPERATED BY BSEF OR EXECUTING ANY TRADE PURSUANT TO THE RULES (i) IS BOUND BY, AND SHALL COMPLY WITH, THE BSEF RULES AND OBLIGATIONS, THE CLEARING HOUSE RULES, SWAP SPECIFICATIONS AND APPLICABLE LAW, IN EACH CASE TO THE EXTENT APPLICABLE TO IT, (ii) SUBMITS TO THE JURISDICTION OF BSEF WITH RESPECT TO ANY AND ALL MATTERS ARISING FROM, RELATED TO, OR IN CONNECTION WITH, THE STATUS, ACTIONS OR OMISSIONS OF SUCH PARTICIPANT, AUTHORIZED TRADER OR OTHER PERSON, AND (iii) AGREES TO ASSIST BSEF IN COMPLYING WITH ITS LEGAL AND REGULATORY OBLIGATIONS, COOPERATE WITH BSEF, THE CFTC AND ANY GOVERNMENTAL BODY WITH JURISDICTION OVER BSEF OR THE SEF OPERATED BY BSEF IN ANY INQUIRY, INVESTIGATION, AUDIT, EXAMINATION OR PROCEEDING.
- (b) Any Person whose access to the SEF operated by BSEF is suspended for any period remains subject to the BSEF Rules, the Obligations and BSEF's jurisdiction throughout the period of suspension. Any Person whose access to the SEF operated by BSEF is revoked or terminated shall remain bound by the BSEF Rules and Applicable Law, in each case to the extent applicable to it, and subject to the jurisdiction of BSEF with respect to any and all matters arising from, related to, or in connection with, the status, actions or omissions of such Participant prior to such revocation or termination.

RULE 312. Description of Participant's Status

A Participant shall ensure that the form, content and context of any description of the Participant's status on the SEF operated by BSEF is not inconsistent with, and does not misrepresent, the Participant's capacity on the SEF operated by BSEF under the BSEF Rules or the Participant's registration, if any, under the CEA, or under any other Applicable Law.

RULE 313. Dissolution of Participants

All rights and privileges of a Participant terminate upon, and all obligations of a Participant shall survive the dissolution of the Participant.

RULE 314. Withdrawal of Participant

- (a) To withdraw from the SEF operated by BSEF, a Participant must notify BSEF of its withdrawal. Such withdrawal shall be accepted and effective immediately upon receipt of such notice by BSEF.
- (b) When BSEF accepts the withdrawal of a Participant, all rights and privileges of such Participant terminate (including the Trading Privileges). The accepted withdrawal of a Participant shall not affect the rights of BSEF under the BSEF Rules or relieve the former Participant of such Participant's obligations under the BSEF Rules before such withdrawal. Notwithstanding the accepted withdrawal of a Participant, the withdrawn Participant remains subject to the BSEF Rules, the Obligations and the jurisdiction of BSEF for acts done and omissions made while a Participant, and must cooperate in any SEF Proceeding under Chapter 6 as if the withdrawn Participant were still a Participant.

RULE 315. Compliance with the Commodity Exchange Act

All SEF Participants shall comply with all relevant provisions of the CEA and the Rules and regulations duly issued pursuant thereto by the CFTC, including the filing of reports, maintenance of books and records, and permitting inspection and visitation by Authorized Representatives of the CFTC or Department of Justice.

RULE 316. Access

RULE 316.A. ECP Access

BSEF will provide its services to any ECP with access to its markets and BSEF services that is impartial, transparent and applied in a fair and non-discriminatory manner; <u>provided</u>, <u>however</u>, that each ECP complies with BSEF's documentation and the eligibility requirements set forth in this Rulebook.

RULE 316.B. ISV Access

BSEF will provide ISVs with access to its trading platform and its data in a fair and non-discriminatory manner; <u>provided</u>, <u>however</u>, that each ISV shall comply with BSEF's criteria governing such access. Such access criteria shall be impartial and transparent.

RULE 317. Direct Market Access

- (a) DMA may be sponsored only by a Sponsoring Broker.
- (b) All trades in Cleared Swaps executed via DMA connection must be guaranteed by a Sponsoring Broker that assumes financial responsibility for all activity through the DMA connection.
- (c) Each DMA Customer must execute the DMA Customer Documentation as a condition of being granted access to the SEF operated by BSEF.

- (d) A Sponsoring Broker shall assist BSEF in any investigation into potential violations of the BSEF Rules, CFTC Regulations or the Act which occur through or with respect to a DMA connection guaranteed by such Sponsoring Broker. Such assistance must be timely and may include requiring any DMA Customer to produce documents, to answer questions from BSEF, and/or to appear in connection with an investigation.
- (e) A Sponsoring Broker shall suspend or terminate the Trading Access of a DMA Customer or any Authorized Trader associated with such DMA Customer if BSEF determines that the actions of the DMA Customer or any of its Authorized Traders threaten the integrity of the SEF operated by BSEF or liquidity of any Swap or violate any BSEF Rule or if the DMA Customer or any of its Authorized Traders fails to cooperate in an investigation.
- (f) If a Sponsoring Broker has actual or constructive notice of a violation of the BSEF Rules in connection with Direct Market Access by its DMA Customer and the Sponsoring Broker fails to take appropriate action, BSEF may consider that the Sponsoring Broker has committed an act detrimental to the interest or welfare of BSEF.

RULE 318. Legal Certainty for SEF Trades

A transaction entered into on or pursuant to the BSEF Rules shall not be void, voidable, subject to rescission, otherwise invalidated, or rendered unenforceable as a result of:

- (a) a violation by BSEF of the provisions of section 5h of the Act or CFTC Regulations;
- (b) any CFTC proceeding to alter or supplement a Rule, term, or condition under section 8a(7) of the Act or to declare an emergency under section 8a(9) of the Act; or
 - (c) any other proceeding the effect of which is to:
 - (i) alter or supplement a specific term or condition or trading rule or procedure; or
 - (ii) require BSEF to adopt a specific term or condition, trading rule or procedure, or to take or refrain from taking a specific action.

RULE 319. Rights and Responsibilities after Suspension or Termination

(a) When the Trading Privileges of a Participant or the Trading Access of any Authorized Trader are suspended, none of its rights and Trading Privileges (including the right to hold oneself out to the public as a Participant, enter RFQs or Orders into the SEF operated by BSEF and receive Participant rates for fees, costs, and charges at Participant levels) will apply during the period of the suspension, except for the right of the Participant in question to assert claims against others as provided in the BSEF Rules or the right to Trading Access. Any such suspension will not affect the rights of creditors under the BSEF Rules or relieve the Participant in question of its, his or her obligations under the BSEF Rules to perform any Swaps entered into before the suspension, or for any SEF fees, costs, or charges incurred during the suspension.

- (b) When the Trading Privileges of a Participant or the Trading Access of any Authorized Trader are terminated, all of a Participant's rights and Trading Privileges or an Authorized Trader's right to Trading Access will terminate, except for the right of the Participant in question to assert claims against others, as provided in the BSEF Rules. Any such termination will not affect the rights of creditors under the BSEF Rules. A terminated Participant may only seek to reinstate its Trading Privileges by applying for Trading Privileges pursuant to Rule 304. BSEF will not consider the application of a terminated Participant if such Participant continues to fail to appear at disciplinary or appeals proceedings without good cause or continues to impede the progress of disciplinary or appeals proceedings.
- (c) A suspended or terminated Participant, Authorized Trader or Supervised Person remains subject to the BSEF Rules and the jurisdiction of BSEF for acts and omissions prior to the suspension or termination, and must cooperate in any inquiry, investigation, disciplinary or appeals proceeding, summary suspension or other summary action as if the suspended or terminated Participant still had Trading Privileges or the terminated Authorized Trader still had Trading Access. BSEF may discipline a suspended Participant or Authorized Trader under this Chapter 6 for any violation of a BSEF Rule or provision of Applicable Law committed by the Participant or Authorized Trader before, during or after the suspension.
- (d) Upon the request of a Customer, in the event of the suspension or revocation of the Trading Privileges of a Participant, BSEF shall seek to facilitate the transfer of any Customer accounts held by such Participant to other Participants with Trading Privileges.

CHAPTER 4.

OBLIGATIONS OF PARTICIPANTS, ACCOUNT MANAGERS, DMA CUSTOMERS, AUTHORIZED TRADERS AND SUPERVISED PERSONS

RULE 401. Duties and Responsibilities

- (a) Each Participant, Account Manager, DMA Customer, Authorized Trader and Supervised Person shall:
 - (i) ensure that BSEF's facilities are used in a responsible manner and are not used for any improper purpose;
 - (ii) ensure that BSEF's facilities are used only to conduct SEF Activity;
 - (iii) ensure that all SEF Activity conducted by the Participant, Account Managers, Authorized Traders and Supervised Persons is performed in a manner consistent with applicable BSEF Rules and their respective Obligations;
 - (iv) comply with all BSEF Rules and Obligations and act in a manner consistent with each BSEF Rule and Obligation;
 - (v) observe high standards of integrity, market conduct, commercial honor, fair dealing, and just and equitable principles of trade while conducting or attempting to

conduct any SEF Activity, or any aspect of any business connected with or concerning the SEF operated by BSEF;

- (vi) not mislead or conceal any material fact or matter in any dealings or filings with BSEF or in response to any SEF Proceeding; and
- (vii) keep the Authorized Trader's Trader IDs, account numbers and passwords confidential.
- (b) Each Participant shall be responsible for promptly informing BSEF of any material changes to Eligibility Criteria information provided to BSEF by the Participant.

RULE 402. Required Disclosures to BSEF

Each Participant shall immediately notify the Compliance Department upon becoming aware of any of the following events:

- (a) any material change to the contact information provided to BSEF by the Participant;
- (b) any damage to, or failure or inadequacy of, the systems, facilities or equipment of the Participant to effect transactions pursuant to the BSEF Rules or to timely perform the Participant's financial obligations under or in connection with Swaps of such Participant or Swaps of any Customer or Account of such Participant;
- (c) any refusal of admission of the Participant for membership in, any Self-Regulatory Organization, SEF, DCM, or Derivatives Clearing Organization;
- (d) any expulsion, suspension or fine in excess of \$25,000 (whether through an adverse determination, voluntary settlement or otherwise) imposed on the Participant by any Self-Regulatory Organization, SEF, DCM, Derivatives Clearing Organization or, with respect to SEF Activity, any relevant Governmental Body;
- (e) any revocation, suspension or conditioning of any registration or license of a Participant necessary to conduct SEF Activity granted by any relevant Governmental Body;
- (f) (A) the commencement of any judicial or administrative proceeding against the Participant or any Authorized Trader or Supervised Person or (B) the imposition of any fine in excess of \$25,000, cease and desist order, denial of trading privileges, censure or other sanction or remedy (whether through an adverse determination, voluntary settlement or otherwise) imposed, in each case of (A) and (B), by any Self-Regulatory Organization, SEF, DCM, Derivatives Clearing Organization or, with respect to SEF Activity, any relevant Governmental Body;
- (g) any indictment or conviction of, or any confession of guilt or plea of guilty or nolo contendere by, any principals or senior officers of the Participant or any Authorized Trader for any felony or misdemeanor involving, arising from, or related to, the purchase or sale of any commodity, futures contract, swap, option, security, securities futures product or other financial instrument, or involving or arising from fraud or moral turpitude; and

- (h) the Participant's or a 10% or greater owner of the Participant becoming the subject of a petition for bankruptcy;
- (i) the appointment of a receiver, trustee or administrator for the Participant or a 10% or greater owner of the Participant;
- (j) the presentment of a petition, or the passing of a resolution, for the Participant's or a 10% or greater owner of the Participant winding-up;
- (k) the commencement of proceedings for the Participant's or the 10% or greater owner's of the Participant dissolution; or
- (l) the occurrence of an event of insolvency with respect to the Participant or the 10% owner or greater owner of the Participant.

RULE 403. Inspections by BSEF

- (a) BSEF or the Regulatory Services Provider (or their respective authorized representatives), shall have the right with such prior reasonable advance notice as is practicable under the circumstances, in connection with determining whether all BSEF Rules are being, will be, or have been complied with by the Participant, to:
 - (i) inspect the books and records of the Participants relating to SEF Activity;
 - (ii) inspect systems, equipment and software of any kind operated by the Participant in connection with SEF Activity and any data stored in any of the systems or equipment related to SEF Activity; and/or
 - (iii) copy or reproduce any data to which BSEF has access under this Rule.
- (b) Such books and records, systems, equipment, software and data shall be made available to BSEF and the Regulatory Services Provider and their respective authorized representatives during regular business hours and BSEF and the Regulatory Services Provider and their respective authorized representatives agree to adhere to Participant's reasonable logical and physical access and security procedures.
- (c) Each Participant, DMA Customer and Authorized Trader shall provide the Regulatory Services Provider with the same access to their books and records as they are required to provide to BSEF under the BSEF Rules and Applicable Law.
- (d) The Compliance Department may require a Participant to furnish (periodically or on a particular occasion) information concerning the Participant's SEF Activity.

RULE 404. Minimum Financial and Related Reporting Requirements

Each Participant that is registered with any Self-Regulatory Organization shall comply with the provisions of Applicable Law relating to minimum financial and related reporting and recordkeeping requirements.

RULE 405. Position Liquidation upon Default

Upon default of any Swap by a Participant, Customer or Client, BSEF shall have the right to arrange the liquidation of all or some Swap positions of such Participant, Customer or Client, as applicable, opened via the SEF operated by BSEF.

RULE 406. Authority to Impose Restrictions

Whenever a Participant is subject to the early warning requirements set forth in the CFTC Regulations, including CFTC Regulation 1.12, the President, or his or her designee, may impose such conditions or restrictions on the business and operations of such Participant as the President, or his or her designee, may deem necessary or appropriate for the protection of Customers, other Participants or the SEF operated by BSEF.

RULE 407. Customers and Accounts

- (a) No Participant shall carry an account for a Customer or enter an RFQ or Order in the name of a Account unless the Participant has entered into a Written agreement with the Customer or Account that is in compliance with Applicable Law and the BSEF Rules.
- (b) Each Participant must: (1) ensure that the Customer or Account is an ECP at the time of execution of any Swap; (2) subject every Swap executed for the Customer or Account to the terms of the BSEF Rules insofar as they are applicable to that Swap; (3) in relation to any Swap executed for the Customer or Account, be able to comply with all requirements of the BSEF Rules and any other arrangements, provisions and directions given by BSEF; and (4) provide BSEF and its agents, including its Regulatory Services Provider, access to all information in connection with or related to its SEF Activity necessary for monitoring and enforcement of BSEF Rules.

RULE 408. Disclosure Requirements; Know Your Counterparty Requirements

- (a) With respect to Non-Cleared Swaps, Participants that are Swap Dealers or Major Swap Participants shall verify the status of each Counterparty as an ECP with respect to each Trade as provided in Part 23 of the CFTC Regulations applicable to business conduct standards for Swap Dealers and Major Swap Participants in their dealing with counterparties.
- (b) Each Participant must comply with the disclosure requirements imposed by the BSEF Rules.

RULE 409. Books and Records

RULE 409.A. Participant Books and Records

- (a) Each Participant shall prepare and keep current all books, ledgers and other similar records relating to its SEF Activity required to be kept by it pursuant to the Act, CFTC Regulations and these Rules and shall prepare and keep current such other books and records relating to its SEF Activity and adopt such forms as BSEF may from time to time prescribe. Such books and records shall be made available, upon request, to BSEF, the CFTC, the Department of Justice or any Governmental Body, regulator or Self-Regulatory Organization with jurisdiction over BSEF, and their respective Authorized Representatives.
- (b) In addition to information required by subsection (a) of this Rule 409, each Participant must comply with all applicable requirements of CFTC Regulation 1.35.
- (c) If a Participant cannot enter an Order or Request for Quote received from its Customer into the SEF Platform, the Participant must immediately create an electronic record that includes the account identifier that relates to the Customer Account, time of receipt, and terms of the Order or Request for Quote.
- (d) As required by CFTC Regulation 37.404, each Participant must keep records of their trading on the SEF operated by BSEF (including records of its activity in the index or instrument used as a reference price, the underlying commodity and related derivatives markets) and make such records available, upon request, to BSEF, the CFTC or any Governmental Body, regulator or Self-Regulatory Organization with jurisdiction over BSEF, and their respective Authorized Representatives.
- (e) Each Participant shall keep all books and records required to be kept by it pursuant to these Rules for a period of five years from the date on which they are first prepared unless otherwise provided in these Rules or required by Applicable Law. Such books and records shall be readily accessible during the first two years of such five-year period. During such five-year period, all such books and records shall be made available for inspection by, and copies thereof shall be delivered to, BSEF and its Authorized Representatives upon request.
- (f) Each Participant and Authorized Trader shall provide the NFA with the same access to its books and records and offices as it is required to provide BSEF under these Rules and Applicable Law.
- (g) BSEF may require a Participant to furnish such information concerning the Participant's business that is subject to these Rules as BSEF deems necessary to enable it to perform its obligations under Applicable Law, including information relating to (i) Swaps executed on the SEF operated by BSEF and in related derivatives markets, including in the products underlying those Swaps, and (ii) information requested by a government agency relating to the SEF and/or BSEF's compliance with Applicable Law that BSEF believes is maintained by, or otherwise in the possession of, a Participant.

(h) All data and information provided to or obtained by BSEF pursuant to this Rule 409 shall be subject to the provisions of Rule 805.

RULE 409.B. BSEF Books and Records

BSEF shall keep, or cause to be kept, complete and accurate books and records, including all books and records required to be maintained pursuant to the CEA, the CFTC Regulations or the BSEF Rules as required by CFTC Regulation 1.31.

RULE 410. Responsibility for Mandatory Trading

Each Participant that is a Swap Dealer or Major Swap Participant shall be responsible for compliance with the mandatory trading requirement under Section 2(h)(8) of the CEA and shall not enter into any Required Transaction outside a SEF that lists a Swap related to such Required Transaction.

RULE 411. Eligibility for Clearing Exempt Transactions

Each Participant wishing to execute any Clearing Exempt Transaction on the SEF operated by BSEF must submit to BSEF the documentation required by Part 50 of the CFTC Regulations or CFTC Staff No-Action Letter 13-22 (each a "Clearing Exception Form") prior to sending an RFQ or placing an Order subject to the Clearing Exception. A Participant shall submit to BSEF all documentation supporting its eligibility (or the eligibility of its relevant Client or Customer, if applicable) for the Clearing Exception.

CHAPTER 5.

TRADING PRACTICES, REPORTING, CLEARING AND BUSINESS CONDUCT

RULE 501. Scope

This Chapter 5 prescribes Rules concerning trading practices and business conduct on the SEF operated by BSEF and applies to all RFQs, Orders and Trades in Swaps as defined in Chapter 1.

RULE 502. Procedures

- (a) With respect to trading on or though the SEF Platform or subject to BSEF Rules, BSEF may adopt, without limitation, procedures relating to transactions in Swaps and trading on the SEF Platform or subject to BSEF Rules, including procedures to:
 - (i) disseminate the prices of bids and offers on, and trades in, Swaps;
 - (ii) record, and account for, Swaps and SEF Activity and regulate administrative matters affecting Swaps and SEF Activity;
 - (iii) establish limits on the number and/or size of RFQs or Orders that may be submitted by a Participant through the SEF Platform or subject to BSEF Rules;

- (iv) establish limits on the aggregate notional amount of Swaps that may be held by a Participant;
- (v) establish a limit on the maximum daily price fluctuations for any Swap and provide for any related restriction or suspension of trading in the Swap; and
 - (vi) establish minimum price quoting increments for each Swap.
- (b) BSEF may, in its discretion and at any time, amend any procedures adopted pursuant to Rule 502(a), and will publish the amendments in a Notice to Participant or in any other manner determined appropriate by BSEF.

RULE 503. Business Days and Trading Hours

Except as provided in Rule 212 with respect to Emergencies, BSEF shall determine and publish a Notice to Participants listing the Business Days of the SEF operated by BSEF and the Trading Hours for each Swap.

RULE 504. Rule Violations

- (a) It shall be an offense for a Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person to violate any BSEF Rule regulating the conduct or business of a Participant or its Account Managers, Authorized Traders or Supervised Persons, or any agreement made with BSEF, or to engage in fraud, dishonorable or dishonest conduct, or in conduct which is inconsistent with just and equitable principles of trade.
- (b) Participants shall assist BSEF in any investigation into potential violations of the BSEF Rules or, with respect to the SEF Activity, the CEA. Such assistance must be timely and may include, but not be limited to, producing documents, answering questions from BSEF or its designee, and/or appearing in connection with an investigation.
- (c) If a Participant has actual or constructive notice of a violation of BSEF Rules in connection with the use of the SEF operated by BSEF by a Participant, Customer, Account or Authorized Trader and the Participant fails to take appropriate action, the Participant may be found to have committed an act detrimental to the interest or welfare of the SEF operated by BSEF.

RULE 505. Fraudulent Acts

No Participant, Account Manager, DMA Customer, Authorized Trader, Supervised Person or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF shall engage in any fraudulent act or engage in any scheme to defraud, deceive, trick or mislead in connection with or related to any SEF Activity. Specifically, no Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person shall engage in front running, fraudulent trading, money passes, trading ahead of Customers, trading against Customers or accommodation trading.

RULE 506. Fictitious, Wash or Pre-Arranged Transactions

- (a) No Participant, Account Manager, DMA Customer, Authorized Trader, Supervised Person or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF shall create fictitious transactions or wash transactions or execute any Order with knowledge of its nature. No Person shall place or accept Orders in the same Swap where the Person knows or reasonably should know that the purpose of the Orders is to avoid taking a bona fide market position exposed to market risk (transactions commonly known or referred to as wash sales). Orders for different accounts with common beneficial ownership that are entered with the intent to negate market risk or price competition shall also be deemed to violate the prohibition on wash trades. Additionally, no Person shall knowingly execute or accommodate the execution of such Orders by direct or indirect means.
- (b) No Participant, Account Manager, DMA Customer or Authorized Trader shall engage in a pre-arranged transaction except as permitted by Rule 521 and 516.B, Rule 531,521 or Rule 533 in the case of New Trades (as defined in Rule 533(d)). 531.

RULE 507. Pre-Execution Communications

- (a) Pre-Execution Communications with respect to Swaps executed through the Order Book shall be prohibited except in the case of Trades executed in accordance with Rule 521.
- (b) Pre-Execution Communications are permitted with respect to Swaps executed through the Request for Quote Functionality in accordance with Rule 522.A(b).

RULE 508. Market Disruption and Market Manipulation

- (a) Orders or RFQs entered into the SEF operated by BSEF for the purpose of upsetting the equilibrium of the market in any Swap without the intent to reflect fair market values or creating a condition in which prices do not or will not reflect fair market values are prohibited, and any Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person who makes or assists in entering any such Order or RFQ with knowledge of the purpose thereof or who, with such knowledge, in any way assists in carrying out any plan or scheme for the entering of any such Order or RFQ, will be deemed to have engaged in an act detrimental to the SEF operated by BSEF.
- (b) Any intentional attempted or completed manipulation of the market in any Swap is prohibited.
- (c) A Participant may not post on an Order Book and submit an RFQ to the SEF Platform in the same Swap at the same time using the same Participant ID.

RULE 509. Prohibition of Misstatements

It shall be an offense to make any knowing misstatement of a material fact to BSEF, any SEF Official, any Board committee or SEF panel, the Compliance Department and/or agents of BSEF

(including the Regulatory Services Provider) or any Participant or any of its Account Managers, Authorized Traders or Supervised Persons.

RULE 510. Acts Detrimental to Welfare of SEF

It shall be an offense to engage in any act that is detrimental to the interest or welfare of the SEF operated by BSEF.

RULE 511. Adherence to Law

- (a) No Participant, Account Manager, Customer, Authorized Trader or Supervised Person shall engage in conduct in violation of the BSEF Rules, the Act, CFTC Regulations, the Rules of any SEF, or the rules of any DCM, DCO or SRO that has jurisdiction over such Participant, Account Manager, Customer, Authorized Trader or Supervised Person or, with respect to SEF Activity, the laws, rules or regulations of any relevant Governmental Body.
 - (b) Without limiting subsection (a) of this Rule,
 - (i) each Participant that is an FCM or a Clearing Member must comply with all requirements of Applicable Law regarding the treatment of Customer funds and Customer Orders; and
 - (ii) each Participant, Customer or Account must comply with all margin requirements established by each relevant Clearing House and by each relevant Clearing Member, if applicable, as well as any margin requirements set forth by the CFTC or Applicable Law.

RULE 512. Use of Trading Privileges

No Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person may use such Participant's Trading Privileges in any way that could be expected to bring disrepute upon such Participant, Account Manager, DMA Customer, Authorized Trader or Supervised Person.

RULE 513. Supervision

Each Participant, DMA Customer and Account Manager shall be responsible for establishing, maintaining and administering reasonable supervisory procedures to ensure that its Authorized Traders and Supervised Persons, as applicable, comply with the BSEF Rules, the Act, CFTC Regulations, the Rules of any SEF, or the rules of any DCM, DCO or SRO that has jurisdiction over such Participant, Account Manager, DMA Customer, Authorized Traders or Supervised Persons or, with respect to SEF Activity, the laws, rules or regulations of any relevant Governmental Body, and such Participant may be held accountable for the actions of such Account Managers, Authorized Traders or Supervised Persons.

RULE 514. Misuse of the SEF Platform

Misuse of the SEF Platform is strictly prohibited. Only Swaps can be traded on the SEF operated by BSEF. It shall be deemed an act detrimental to the interest and welfare of the SEF operated by BSEF to willfully or negligently engage in unauthorized use of the SEF Platform, to assist any Person in obtaining unauthorized access to the SEF Platform, to trade on the SEF Platform without an agreement and an established account with a Derivatives Clearing Organization or a Clearing Member, to alter the equipment associated with the SEF Platform, to interfere with the operation of the SEF Platform, to intercept or interfere with information provided thereby, or in any way to use the SEF Platform in a manner contrary to the BSEF Rules.

RULE 515. Mishandling of Customer Orders

Any Participant that mishandles any Customer Order is responsible for all remedial actions with respect to such Order.

RULE 516. Trade Cancellation, Correction, Offset and Adjustment

RULE 516.A. Errors Trade Review and Notification of Action Taken

- (a) If an Order was incorrectly executed or rejected by Any Trade executed on or in accordance with the Rules of the SEF operated by BSEF, a Participant or its Authorized Tradermay, within one Business Day thereafter, request review of the Order or the Trade by providing the confirmation number for the Order or the Trade and stating the nature of the alleged error. can be canceled, corrected, adjusted or offset only upon consent of BSEF and in accordance with this Rule 516. To request cancellation, correction, adjustment or offset of a Trade alleged to be erroneous ("Alleged Error Trade"), a Participant must notify the BSEF Support Desk at 1-212-617-1530 by providing the Trade ID (FIT Key) of the Alleged Error Trade and stating the grounds for the request as soon as possible, but no later than the end of the Business Day following the date of execution of the Alleged Error Trade.
- (b) Upon receipt by BSEF of a request for review of an Order and the accompanying-confirmation number, BSEF will review its electronic audit trail to determine if the SEF operated by BSEF correctly executed the Order. Such review will be completed (i) on the same Business Day if BSEF received such request for review prior to 12:00 noon on any Business Day or (ii) by the end of the following Business Day if such request was received (x) on or after 12:00 noon on any Business Day or (y) on any day that is not a Business Day. For an Alleged Error Trade, the Compliance Department will review promptly the electronic audit trail of the Alleged Error Trade as well as any other facts and circumstances associated with the Alleged Error Trade. If BSEF makes an affirmative finding that the Alleged Error Trade was the result of a clerical or operational error and that the cancellation, correction, adjustment or offset of the Alleged Error Trade is appropriate and would not adversely impact market integrity, facilitate market manipulation or other illegitimate activity, or otherwise violate the CEA, CFTC Regulations or BSEF Rules, BSEF will designate such Alleged Error Trade as an "Error Trade."

- (c) If the review described in this Rule reveals that the Order was incorrectly executed or rejected, then the Order or the resulting Trade, as applicable, shall be canceled or adjusted. BSEF will inform affected Participants of the Error Trade and of the next steps that the Participants must or could make. BSEF will also inform the affected Participants of the final disposition of the Error Trade.
- (d) If the review described in this Rule reveals that the Order was correctly executed or rejected by the SEF operated by BSEF, then no adjustment shall be made in the Trading Accounts of any Participants or Accounts. In the course of its review of an Alleged Error Trade, other than a Trade executed via the CLOB, BSEF may, but is not obliged to, inform Participants affected by the Alleged Error Trade of the identity and contact information of any other Participant affected by the Alleged Error Trade.
- (e) For Trades executed via the CLOB that are determined to be Error Trades, BSEF will inform Participants affected by the Error Trade of the identity and contact information of any other Participant affected by the Error Trade if (i) all such Participants agree to or are required to enter into Trades described in Rule 516.B; and (ii) all such Participants consent to the disclosure of their identity and contact information to any other Participant affected by the Error Trade.
- (f) For purposes of this Rule 516, a Participant involved in an Alleged Error Trade and acting as an Account Manager, Introducing Broker or FCM shall have the authority to request or consent to the cancellation, adjustment or offset, as applicable, of such Trade on behalf of the relevant Counterparty involved in the Trade.

RULE 516.B Error Trade Cancellation, Correction and Offset – Cleared Swaps

(a) Participant Errors

- (i) For each Error Trade, BSEF may, if both Participants agree,
 - (A) request the appropriate Clearing House to cancel the Error Trade; or
 - (B) allow the affected Participants to enter into a pre-arranged Trade with terms that offset the position on the books of the Clearing House that resulted from the Error Trade; and/or
 - (C) if desired by the affected Participants, allow the affected

 Participants to execute a new Trade that corrects the error in the Error

 Trade.
- (ii) All BSEF Rules other than Rule 506 and Rule 522.A shall apply to new Trades executed by Participants pursuant to this Rule 516.B(a).

(b) **System Errors**

(i) If, after its own investigation or a notice from a Participant, BSEF determines in its sole discretion that the execution of a Trade was the result of an error

made by the SEF Platform and the Trade has been designated as an Error Trade, then BSEF may:

- (A) request the appropriate Clearing House to cancel the Error Trade; or
- (B) (1) direct the affected Participants to enter into a pre-arranged Trade with terms that offset the position on the books of the Clearing House that resulted from the Error Trade; and (2) if desired by the affected Participants, allow the affected Participants to execute a new Trade that corrects the error in the Error Trade.
- (ii) If BSEF directs affected Participants to enter into a pre-arranged Trade in accordance with sub-section (i)(B) above, the affected Participants shall enter into such pre-arranged Trade.
- (iii) All BSEF Rules other than Rule 506 and Rule 522.A shall apply to new Trades executed by Participants pursuant to this Rule 516.B(b).
- (iv) (e) Notwithstanding anything to the contrary in this Rule, if BSEF determines in its sole discretion that the execution of any Trade was the result of Orders being incorrectly processed by the SEF Platform, or any other cause beyond the control of any Participant, then BSEF may cancel such Trade in the Trading Accounts of all affected Participants. 516(B)(b), BSEF reserves the right to correct an Error Trade resulting from an error made by the SEF Platform by any means BSEF deems appropriate.
- by improper conduct such as market manipulation or clearly erroneous trading behavior (e.g., fat finger). If BSEF takes action pursuant to this Rule 516.A(f), it will give prompt notice and in any event will use good faith, commercially reasonable efforts to provide the affected Participants with reasonable prior notice and to obtain such Participants' consent to such adjustment. For purposes of this Rule 516.A, Participants acting as Account Managers, Introducing Brokers or FCMs involved in a Trade subject to a price adjustment shall have the authority to consent to the adjustment of the price of such Trade on behalf of the Counterparties involved in the Trade.
 - (v) If BSEF is unable to determine how to correct the Error Trade, BSEF may either not fix the error, or it may seek guidance on how to address the error from the affected Participants. Any such guidance may not be implemented without consent from both Participants.
- (c) Timing of an Offset and Correction. For Error Trades in Cleared Swaps, the Trade to offset the Error Trade carried on the Clearing House's books or the new Trade that corrects the error in the Error Trade executed pursuant to this Rule 516.B must be executed and submitted for clearing no later than three Business Days after the Error Trade was executed.

RULE 516.C Error Trade Cancellation and Adjustment - Non-Cleared Swaps

(a) Participant Error

(i) The Participants involved in an Error Trade may mutually agree to cancel the Error Trade or to adjust the price of the Trade. BSEF will cancel or adjust the Error Trade as instructed by the affected Participants.

(b) **System Error**

- (i) If, after its own investigation or a notice from a Participant, BSEF determines in its sole discretion that the execution of a Trade was the result of an error made by the SEF Platform and the Trade has been designated as an Error Trade, then BSEF may:
 - (A) cancel such Trade; or
 - (B) if both Participants affected by the Error Trade agree, adjust the price.
- (c) Timing of a Cancellation or Adjustment. Any cancellation or adjustment made pursuant to this Rule 516.C shall be made no later than three Business Days after the Error Trade was discovered.

RULE 516.B. Prime Broker Trades

- (a) A Participant that is a Counterparty to a Prime Broker Trade may request the cancellation of a Prime Broker Trade by sending a cancellation message to BSEF. The cancellation message must state the name and contact information of the Prime Broker for the Prime Broker Trade and the reason for cancellation. If the Prime Broker confirms the cancellation, BSEF will cancel the Prime Broker Trade.
- (b) Subject to subsection (c) of this Rule, a Prime Broker shall have the right to cancel any Prime Broker Trade (i) that is executed in excess of the limit established by the Prime Broker with respect to the Prime Broker Trade, (ii) because the Prime Broker Trade was executed by a Person that was not authorized by the Prime Broker, or (iii) because the Prime Broker Trade was executed for an unauthorized product. The Prime Broker shall communicate the cancellation directly to BSEF within 48 hours after the execution of the Prime Broker Trade and indicate the reason for the cancellation.
- (c) Each Prime Broker that wishes to have the ability to instruct BSEF to cancel Trades executed on BSEF under Rule 516.B.(b) must sign documentation required by BSEF.

RULE 516.C. [Reserved] E Trade Cancellation and Adjustment by BSE

- (a) BSEF may adjust or cancel a Trade that resulted from a market disrupting event or that is executed at a price that was outside the No-Bust Range.
- (b) If BSEF takes action pursuant to this Rule 516.E, it will give prompt notice to affected Participant or Participants and will use good faith, commercially reasonable efforts to obtain such Participants' consent to such adjustment or cancellation.

RULE 516.F Trade Reporting by BSEF

BSEF will report the adjustment or cancellation of the Error Trade and any new Trade entered into pursuant to this Rule in accordance with Rule 532.

RULE 517. Withholding Orders Prohibited

- (a) Any Participant entering RFQs or Orders on the SEF operated by BSEF for its Customers shall not withhold or withdraw from the market any RFQ or Order, or any part of an RFQ or Order, for the benefit of any Person other than the Customers.
- (b) A Participant must enter immediately into the SEF operated by BSEF all Orders or Requests for Quotes received from its Customers that are executable immediately. If a Participant cannot immediately enter into the SEF Platform an Order or Request for Quote received from its Customer, the Participant must enter the Order or Request for Quote into the SEF operated by BSEF as soon as practicable, and must immediately create an electronic record as provided in Rule 409.

RULE 518. Priority of Customers' Orders

No Participant that is an FCM or Introducing Broker shall enter an Order into the SEF operated by BSEF for his own account, an account in which he has a direct or indirect financial interest or an account over which he has discretionary trading authority, including an Order allowing discretion as to time and price, when such Person is in possession of any Order in the same Swap for its Customer that the SEF operated by BSEF is capable of accepting.

RULE 519. Trading Against Customers' Orders **Prohibited**

RULE 519.A. General Prohibition

No Person in possession of a Customer's Order shall knowingly take, directly or indirectly, the opposite side of such Order for its own account, an account in which it has a direct or indirect financial interest, or an account over which it has discretionary trading authority.

RULE 519.B. Exceptions

The foregoing restriction shall not apply to transactions executed pursuant to Rule 531.A or Rule 531.B.

RULE 520. Disclosing Orders Prohibited

No Person shall disclose another Person's RFQ or Order to buy or sell except to a designated SEF Official or the CFTC, and no Person shall solicit or induce another Person to disclose RFQ or Order information. No Person shall take action or direct another to take action based on non-public RFQ or Order information, however acquired.

RULE 521. Simultaneous Buy And Sell Orders For Different Beneficial Owners

- (a) A Participant that is a broker or a dealer which seeks either to execute against a Customer's Order or to execute two Customers against each other through an Order Book following some form of pre-arrangement or pre-negotiating of such Orders must expose one side of the transaction for a minimum of 15 seconds to the other Participants before the second side of the transaction (whether for the Participant's own account or for a second Customer) can be submitted for execution.
- (b) Notwithstanding the foregoing clause (a), this Rule shall not apply to any DMA Order.

RULE 522. Execution of Orders on the SEF Platform

RULE 522.A. Required Transactions

- (a) No Participant shall execute a Required Transaction in a Swap listed on the SEF operated by BSEF other than as described in this Rule 522.A unless it is a Block Trade.
 - (b) Request for Quote Functionality
 - (i) An RFQ for a specific Swap must be sent to at least three MAT Recipient Participants. A Participant is prohibited from sending an RFQ to less than three MAT Recipient Participants.
 - (ii) Together with the first response from any MAT Recipient Participant, the SEF Platform will display to a Requesting Participant any firm Resting Quotes for the Swap indicated in the RFQ that are posted on an Order Book together with any responses to the RFQ from the MAT Recipient Participants, and such Resting Quotes will remain displayed until all responses to the RFQ are received or the time for response has lapsed. The SEF Platform will permit the Requesting Participant to execute against such firm Resting Quotes along with any responsive Order from a MAT Recipient Participant.
 - "MAT Recipient Participant" means, with respect to any Requesting Participant sending any RFQ via the Request for Quote functionality of the SEF Platform, a Participant other than the Requesting Participant that (x) is not an Affiliate of or Controlled by the Requesting Participant and (y) is not an Affiliate of or Controlled by any other MAT Recipient Participant receiving the same RFQ of the Requesting Participant.

(c) CLOB

Only firm bids and offers can be posted on the CLOB. Firm bids or offers may be posted on the CLOB only by a Participant that is a member of the applicable Clearing House, by a Participant that has a clearing account with a Clearing Member as set forth in Rule 533(b), or by a Participant in the name of an Account or Customer that has a clearing account with a Clearing Member as set forth in Rule 533(b). Bids and offers posted on the CLOB are anonymous and will be matched on a price/time priority basis.

RULE 522.B. Permitted Transactions

The following execution methods are available for Permitted Transactions

- (a) Order Book;
- (b) Request For Quote Functionality
- (c) Manual Order Ticket

RULE 522.C. Package Transactions

- (a) Other than as set forth in Rule 522.C(b), a Package Transaction or a component of a Package Transaction that is a Required Transaction must be executed as provided in Rule 522.A.
- (b) A Covered Package Transaction or a component of a Covered Package Transaction that is a Required Transaction may be executed by any means of execution for Permitted Transactions in accordance with CFTC No-Action Letter 14-137.

RULE 522.D. Execution of Swaps Subject to the Clearing Exemption

No Participant shall enter into a Clearing Exempt Transaction unless it (or its Account or Customer) or its Counterparty can claim a Clearing Exception with respect to such Clearing Exempt Transaction. An Order for a Clearing Exempt Transaction will be rejected if an applicable Clearing Exception Form is not on file with BSEF.

RULE 522.E. Block Trades

- (a) In accordance with CFTC No-Action Letter 14-118, which expires December 15, 2015 at 12:00 a.m. EST, until December 15, 2015 Block Trades in Cleared Swaps may be executed using the Request for Quote Functionality and reported to an SDR as set forth in BSEF Rule 532(d).
- (b) Each Counterparty to a Block Trade must be an ECP.
- (c) The aggregation of Orders for different accounts in order to satisfy the Minimum Block Trade size is permissible only by a Person who is a Qualified Account Manager.
- (d) A Qualified Account Manager transacting an aggregated Block Trade on behalf of any other Person must receive prior Written instruction or consent from each such other Person to do so. Such instruction or consent may be provided in the power of attorney or similar document by which the other Person provides the Person with discretionary trading authority or the authority to direct the trading in its account.

RULE 523. Trade Confirmations

(a) BSEF will confirm each Trade at the same time as execution of the Trade. BSEF will provide each Counterparty to a Trade that is entered into on or pursuant to the BSEF Rules with a Written record of all of the terms of the Trade which shall legally supersede any previous

agreement and serve as a confirmation of the transaction (a "Confirmation") as soon as technologically practicable after the execution of a Trade. Such terms shall legally supersede any previous agreement and serve as a confirmation of the Trade. BSEF will not include specific customer identifiers for accounts included in Bunched Orders if the applicable requirements of CFTC Regulation 1.35(b)(5) are met.

- (b) On the Confirmation BSEF will:
 - (i) provide USI for the Trade and the name of the SDR where the Trade is reported;
 - (ii) identify the Counterparty that is a Reporting Counterparty pursuant to CFTC Regulation 45.8, and notify each Counterparty or its agent if the Counterparty is a Reporting Counterparty, using the information provided by a Participant pursuant to Rule 524.A or 524.C; and
 - (iii) if each Counterparty has equal reporting status under CFTC Regulation 45.8 BSEF will designate the Reporting Counterparty using the following rules:
 - For rates asset class, the Reporting Counterparty will be determined in accordance with the ISDA Dodd-Frank Act Swap Transaction Reporting Party Requirements, the relevant portion of which is attached to this Rulebook as Annex A;
 - For credit asset class, the Reporting Counterparty is the seller of protection;
 - For foreign exchange, commodity and equity asset class: the Reporting Counterparty is the liquidity provider. A "liquidity provider" is a Person that: (i) for RFQ, provided the responses to an RFQ that led to the reported Trade; or (ii) for an Order Book, provided the first quote that led to the reported Trade.
- (c) With respect to any Swap that is not a Cleared Swap, a Confirmation shall for purposes of Commission Regulation 37.6(b) consist of the Trade Communication and the Terms Incorporated by Reference. In the event of any conflict between (x) the Trade Communication and (y) the Terms Incorporated by Reference, the Trade Communication shall prevail to the extent of any inconsistency.

"Trade Communication" shall mean a Written communication provided by BSEF to each Participant involved in a Trade containing the economic terms of the Trade agreed by the Participants on the SEF operated by BSEF.

"Terms Incorporated by Reference" shall mean the documents and agreements (including, without limitation, ISDA master agreements, other master agreements, terms supplements, master confirmation agreements, and incorporated industry

definitions) governing such Trade memorialized in the Trade Communication and existing at the time of execution of the Trade.

RULE 524. Order Entry Requirements

RULE 524.A. General

Each Authorized Trader entering an RFQ or Order with respect to any Swap traded on the SEF operated by BSEF must include with the Order, as applicable:

- (a) the Trader ID;
- (b) the Participant ID;
- (c) the Legal Entity Identifier of the Participant or Account Manager placing the RFQ or Order, if available;
- (d) the Counterparty's Legal Entity Identifier;
- (e) the Swap description or code;
- (f) the price or yield, quantity, maturity or expiration date of the Swap;
- (g) side of the Order;
- (h) the CTI code;
- (i) Trading Accounts and other relevant account(s);
- (j) a yes/no indication of whether the Counterparty is a Swap Dealer with respect to the Swap with respect to which the Order is placed;
- (k) a yes/no indication of whether the Counterparty is a Major Swap Participant with respect to the Swap with respect to which the Order is placed;
- (1) a yes/no indication of whether the Counterparty is a Financial Entity;
- (m) a yes/no indication of whether the Counterparty is a U.S. person;
- (n) a yes/no indication that a Swap is an inter-affiliate Swap that should not be subject to the real-time reporting requirements;
- (o) a yes/no indication of the Clearing Exception;
- (p) an indication of whether the Swap is a leg of a Package Transaction that is a Swap subject to (i) the trade execution requirement of Section 2(h)(8) of the Act and (ii) relief granted by CFTC No-Action Letter 14-137;

- (q) if applicable, other terms of a Swap that is not a Cleared Swap required by BSEF (e.g., type of Clearing Exception, collaterization); or
- (r) if the Swap will be allocated:
 - (i) an indication that the Swap will be allocated; and
 - (ii) the Legal Entity Identifier of the Account Manager.

RULE 524.B. Customer Type Indicator (CTI) Codes

Each Participant must identify each transaction submitted to the SEF operated by BSEF with the correct customer type indicator code (a "CTI" code). The CTI codes are as follows:

- CTI 1- Transactions executed by a Participant for its own account, for an account it controls, or for an account in which it has an ownership or financial interest.

 Applies to Trades placed by Account Managers and proprietary traders other than FCMs and Introducing Brokers.
- CTI 2- Transactions executed for the Proprietary Account of a Participant. Applies to FCMs and Introducing Brokers trading for their Proprietary Accounts.
- CTI 3- Orders that a Participant executes on behalf of another Participant, or for an account such other Participant controls or in which such other Participant has an ownership or financial interest. Applies to Trades placed by a DMA Customer using the Participant ID of the Sponsoring Broker.
- CTI 4- Any transaction not meeting the definition of CTIs 1, 2 or 3. Applies to Trades placed by FCMs and Introducing Brokers for their Customers and anything else.

RULE 524.C. Pre-Arranged Transactions

All Trades executed in accordance with Rule 531, unless otherwise exempted by a Rule, must be in the form of a Written or electronic record and include in the Order ticket all information required by Rule 524.A.

RULE 525. Position Limits

- (a) BSEF shall have the authority to establish position limits for any Swap as it may determine To reduce the potential threat of market manipulation or congestion, BSEF shall adopt for each of the contracts of the SEF operated by BSEF, as is necessary and appropriate, in accordance with CFTC Regulations position limitations for speculators. Where the CFTC has established a position limit for any Swap, BSEF's position limit for that Swap shall not be higher than such limit established by the CFTC. Such limits will apply only with respect to trading on the SEF operated by BSEF.
- (b) Except as otherwise provided by the BSEF Rules, no Person, including a Participant, may hold or control a position in excess of such position limits and a Participant may

not maintain a position in excess of such position limits for an Account or Customer if such Participant knows, or with reasonable care should know, that such position will cause such Account or Customer to exceed the applicable position limits.

- (c) Position limits shall apply to (i) all positions in accounts for which any Person, by power of attorney or otherwise, directly or indirectly holds positions or controls trading, and (ii) positions held by two or more Persons acting pursuant to an expressed or implied agreement or understanding, as if the positions were held by, or the trading of the positions were done by, a single Person.
- (d) For Required Transactions, BSEF will enforce position limits only for Trades executed on the SEF operated by BSEF. For Permitted Transactions, BSEF will demonstrate compliance with CFTC Regulation 37.600 by sending the CFTC a list of Permitted Transactions traded on the SEF operated by BSEF.

RULE 526. Exemptions from Position Limits

Any Person seeking an exemption from the position limits referred to in Rule 525 must file an application with BSEF. BSEF shall notify the applicant whether the exemption has been approved and whether BSEF has imposed any limitations or conditions on the exemption. The decision of BSEF shall be final.

RULE 527. Position Accountability

- (a) BSEF may establish a position accountability level for any Swap as it determines To reduce the potential threat of market manipulation or congestion, BSEF shall adopt for each of the contracts of the SEF operated by BSEF, as is necessary and appropriate, in accordance with CFTC Regulations position accountability levels for speculators. Any Person, including a Participant, who owns or controls Swaps in excess of the applicable position accountability level shall provide to BSEF at its request any information regarding the nature of the position, trading strategy or hedging activities, if applicable, and if ordered by BSEF, shall not increase the size of any such position.
- (b) For purposes of this Rule, all positions in accounts for which a Person, by power of attorney or otherwise, directly or indirectly controls trading shall be included with the positions held by such Person. The provisions of this Rule shall apply to positions held by two or more Persons acting pursuant to an expressed or implied agreement or understanding, as if the positions were held by a single Person.

RULE 528. Bunched Orders and Orders Eligible for Post-Execution Allocation

(a) Only the following categories of Persons may place a Bunched Order to be allocated post-execution on the SEF Platform or that is subject to BSEF Rules:

- (i) a commodity trading advisor registered with the Commission pursuant to the Act or excluded or exempt from registration under the Act or the CFTC Regulations, except for entities exempt under CFTC Regulation 4.14(a)(3);
- (ii) an investment adviser registered with the SEC pursuant to the Investment Advisers Act of 1940 or with a state pursuant to applicable state law or excluded or exempt from registration under the Investment Advisers Act of 1940 or applicable state law or rule;
- (iii) a bank, insurance company, trust company, or savings and loan association subject to federal or state regulation;
- (iv) a foreign adviser that exercises discretionary trading authority solely over the accounts of non-U.S. persons, as defined in CFTC Regulation 4.7(a)(1)(iv);
- (v) a Futures Commission Merchant registered with the Commission pursuant to the Act; or
 - (vi) an Introducing Broker registered with the Commission pursuant to the Act.
- (b) Bunched Orders must be allocated and recorded in accordance with CFTC Regulation 1.35(b)(5) and the NFA's Interpretative Notice related to Compliance Rule 2-10.
- (c) Bunched Orders may be entered using an Account Series Designation or suspense account number; provided, however that:
 - (i) the Order is being placed by an Account Manager for multiple accounts eligible for post-execution allocation; or
 - (ii) a Written, pre-determined allocation scheme that defines the series has been provided to the FCM accepting or clearing the Order prior to the time that such Order is entered. In the latter case, if such information has not been provided to the FCM prior to the time of Order enter, each specific account number must be provided to BSEF. Additionally, for all such Bunched Orders executed on the SEF Platform or subject to BSEF Rules, the final account-specific allocations must be provided to BSEF no later than the End of Trading.

RULE 529. Orders Entered Prior to SEF Opening

Participants are prohibited from sending any Request for Quote or Order or using an Order Book or any other facility of BSEF prior to the opening of the trading session.

RULE 530. Identification of Authorized Traders

Each Authorized Trader shall be identified to BSEF and shall be subject to the BSEF Rules. It is the duty of the Participant to ensure that Authorized Trader (and Trader ID) registration is current and accurate at all times. Each individual must use a Trader ID to access the SEF operated by BSEF. In no event may a Person enter an RFQ or Order or permit the entry of an RFQ or Order by an individual using a user Trader ID other than the individual's own Trader ID.

RULE 531. Pre-Arranged Transactions

RULE 531.A. Block Trades

- (a) Each buy or sell Order underlying a Block Trade must (1) state explicitly that it is to be, or may be, executed by means of a Block Trade and (2) comply with any other applicable CFTC Regulations governing Block Trades.
- (b) Each Person transacting a Block Trade shall be a Participant and shall comply with all applicable BSEF Rules other than those which by their terms only apply to trading through the SEF Platform.
 - (c) Each Counterparty to a Block Trade must be an ECP.
- (d) A Block Trade must be reported to the SEF operated by BSEF. A Block Trade must be reported to the SEF operated by BSEF by one Counterparty (or a Participant acting on behalf of such Counterparty) and confirmed by the other Counterparty (or a Participant acting on behalf of such Counterparty) as soon as practicable after its execution, but may not be submitted any later than 10 minutes after the execution of the Block Trade. Each Block Trade must state the time of execution to the nearest millisecond.
- (e) BSEF will review the information submitted by the Participant(s) for the Block Trade and will report the Block Trade as required by Part 43 and Part 45 of the CFTC Regulations if the details are complete and accurate in accordance with this Rule. A Participant that executes a Bunched Order as a Block Trade must comply with Rule 524.C. A Participant that executes a Bunched Order as a Block Trade must provide BSEF with the allocation information as soon as practicable.
 - (f) Block Trades shall not trigger unexecuted Orders.
- (g) Each Participant or Account Manager that is a party to a Block Trade or executes a Block Trade on behalf of its Accounts or Customers must comply with the recordkeeping requirements set forth in Rule 409.A(c). Upon request by BSEF, such Participant shall produce satisfactory evidence, including the order ticket referred to in the preceding sentence, that the Block Trade meets the requirements set forth in this Rule 531.A.
- (h) Any Block Trade in violation of these requirements shall constitute conduct which is inconsistent with just and equitable principles of trade.
- (i) The aggregation of Orders for different accounts in order to satisfy the Minimum Block Trade size is permissible only by a Person who is a Qualified Account Manager.
- (j) A Qualified Account Manager transacting an aggregated Block Trade on behalf of any other Person must receive prior Written instruction or consent from each such other Person to do so. Such instruction or consent may be provided in the power of attorney or similar document by which the other Person provides the Person with discretionary trading authority or the authority to direct the trading in its account.

RULE 531.B. Complex Permitted Transactions

- (a) Two Participants may arrange bilaterally a Complex Permitted Transaction subject to BSEF Rules outside the SEF Platform.
- (b) A Complex Permitted Transaction shall comply with all applicable BSEF Rules other than those which by their terms apply only to execution through the SEF Platform.
- (c) A Complex Permitted Transaction must be reported to BSEF as soon as technologically practicable but no later than 10 minutes after the arrangement is made.
- (d) A Complex Permitted Transaction shall not be executed and binding on the Counterparties until received by BSEF and confirmed by BSEF in accordance with Rule 523.

A "Complex Permitted Transaction" means a complex multi-legged transaction for which electronic methods of execution on the SEF Platform have not yet been developed. Such transactions must be composed of Swaps listed on the SEF operated by BSEF and each leg must be a Permitted Transaction.

RULE 531.C. Covered Package Transactions

Two Participants may arrange bilaterally a Covered Package Transaction subject to BSEF Rules outside the SEF Platform; provided, however, that each component of such Covered Package Transaction that is a Required Transaction must be executed on the SEF Platform. Such Required Transaction may be executed via execution methods for Permitted Transactions.

RULE 532. Reporting to SDR

- (a) BSEF will report each Trade to an SDR of BSEF's choice as soon as technologically practicable after the execution of such Trade. BSEF will report all real-time data required by Part 43 of the CFTC Regulations and all creation data required by Part 45 of the CFTC Regulations.
- (b) The Reporting Counterparty designated in accordance with subsection (b) of Rule 523 shall comply with all reporting obligations set forth in Part 45 of the CFTC Regulations applicable to a Reporting Counterparty including reporting Trade allocations.
- (c) BSEF will report the actual notional or principal amount of a Block Trade to the appropriate SDR as set forth in Part 43 and Part 45 of the CFTC Regulation.
- (d) A Participant that is a Reporting Counterparty or the Account Manager or broker for a Reporting Counterparty may instruct BSEF to report a Trade executed pursuant to BSEF Rules 522.E or 531.A as a "block trade" for purposes of Part 43 of CFTC Regulations.
- (e) Each Participant that is the Reporting Counterparty, or an Account Manager or broker for a Reporting Counterparty shall review the Trade details as soon as technologically practicable upon transmission of the Trade details to the Participant. The non-reporting counterparty shall report any errors in such Trade details to the Reporting

Counterparty as soon as technologically practicable. The Reporting Counterparty shall report all errors in such Trade details to BSEF as soon as technologically practicable after finding or being made aware of any error or omission in the data as reported and/or maintained by the relevant SDR. BSEF shall then submit the corrected data to the relevant SDR.

- (f) No Person, including BSEF, shall submit or agree to submit a cancellation or correction for the purpose of re-reporting Swap transaction and pricing data in order to gain or extend a delay in public dissemination of accurate Swap transaction or pricing data or to otherwise evade the reporting requirements in Part 43 of the CFTC Regulations.
 - (g) BSEF will report Trades to an SDR as set forth below:
 - (i) Cleared Swaps all asset classes: BSEF reports to BSDR LLC, except as described in subsection (iv) below;
 - (ii) Non-Cleared Swaps rates, credit and foreign exchange asset classes: BSEF reports to DTCC Data Repository (U.S.) LLC ("DDR");
 - (iii) Non-Cleared Swaps commodity asset class: BSEF reports to DDR or ICE Trade Vault, LLC ("ICE Trade Vault"). Unless a Participant that is the reporting counterparty or Participant acting as an agent for the reporting counterparty requests BSEF to report all Trades in commodity asset class to ICE Trade Vault, BSEF will report all non-cleared swaps of such reporting counterparty to DDR;
 - (iv) Package Transactions where at least one leg is a Non-Cleared Swap: BSEF reports all legs of the Package Transaction to DDR; and
 - (v) Package Transactions where all Swap legs are Cleared Swaps: BSEF reports all Swap legs of the Package Transactions to BSDR.

RULE 533. Cleared Swaps

- (a) Each Cleared Swap shall be cleared through the Clearing House indicated in the Swap Specification in accordance with the CEA and the CFTC Regulations.
- (b) For each Cleared Swap a Participant expects to enter into via the SEF Platform or subject to BSEF Rules, the Participant or an Account or Customer of the Participant must establish a clearing account with the Clearing House or with a Clearing Member of the Clearing House, in each case, designated in the Swap Specification for such Cleared Swap.
- (c) All Trades in Cleared Swaps by a Participant or its Account or Customer must be guaranteed to the Clearing House by a Clearing Member following the Clearing Member's acceptance of such Trade for clearing.
- (d) BSEF shall submit each Trade to the Clearing House specified in the Swap Specifications. If BSEF receives a notice from the Clearing House rejecting a Trade for clearing, such Trade is void ab initio.

(e) BSEF will provide each Clearing Member with tools to screen each Order or RFQ in Cleared Swaps based on criteria established by such Clearing Member. If an Order or an RFQ fails to satisfy the criteria established by the Clearing Member, BSEF will reject the Order or will not allow the RFQ to be sent.

RULE 534. Non-Cleared Swaps

- (a) Any Participant that is a Swap Dealer or Major Swap Participant, or if neither Counterparty is a Swap Dealer or Major Swap Participant, the Participant that is the Reporting Counterparty, that places an Order or sends or responds to an RFQ with respect to a Non-Cleared Swap shall ensure that there is a Non-Cleared Swap Agreement between the Participant or its Account, as applicable, and the prospective Counterparty to such Swap prior to placing such Order or sending or responding to such RFQ. Both Participants involved in execution of a Non-Cleared Swap (whether in a principal capacity or in their capacity as agents on behalf of their respective Accounts or Customers) shall, upon the request of BSEF, make available to BSEF any terms of such Non-Cleared Swap that are not reflected in the applicable Swap Specification and shall comply with Order entry requirements for Non-Cleared Swaps that BSEF shall establish from time to time.
- (b) Each Participant involved in a Prime Broker Trade must notify the Prime Broker as soon as technologically possible of each Prime Broker Trade executed pursuant to the Rules of BSEF to which the Prime Broker is a Counterparty, and provide to the Prime Broker the Confirmation for the Prime Broker Trade issued by BSEF.

RULE 535. Risk Controls

- (a) BSEF may, in its sole discretion, reject any RFQ or Order or Block Trade placed or reported on the SEF Platform if such RFQ or Order or Block Trade is in violation of any BSEF Rule or Applicable Law.
- (b) BSEF shall have the right to take any action to reduce the potential of market disruption, including market restrictions that pause or halt trading in market conditions prescribed by BSEF if such action is in the best interest of the swap markets.
- (c) BSEF shall have the right in its sole discretion to cancel Trades executed at prices outside the No-Bust Range. "**No-Bust Range**" shall mean the price of a Swap that is no more than 30% higher or lower than the prior Business Day's Daily Settlement Price for such Swap.
- (d) If a Swap affected by any action of BSEF under this Rule 535 is fungible with, linked to, or a substitute for, other Swaps on the SEF operated by BSEF, BSEF may apply the same action to any such other Swaps.
- (e) If a Swap is fungible with, linked to or a substitute for a financial instrument trading on another trading venue, including any trading venue regulated by the SEC (a "**Linked Swap**"), and such other trading venue placed risk controls on such financial instrument, BSEF shall have the right to place similar risk controls on the Linked Swap.

CHAPTER 6. DISCIPLINARY RULES

RULE 601. General

- (a) Any Person is subject to this Chapter 6 if it is alleged to have violated, to have aided and abetted a violation, to be violating, or to be about to violate, any BSEF Rule or any provision of Applicable Law for which BSEF possesses disciplinary jurisdiction.
- (b) BSEF, through the Compliance Department, the Disciplinary Panels Panel and the Appeals Panel, will conduct inquiries, investigations, disciplinary and appeals proceedings, summary impositions of fines, summary suspensions or other summary actions in accordance with this Chapter 6.
- (c) No SEF Official will interfere with or attempt to influence the process or resolution of any inquiry, investigation, disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary action. No Director will interfere with or attempt to influence the process or resolution of any inquiry, investigation, disciplinary or appeals proceeding and summary imposition of fines, summary suspension or other summary action, except to the extent provided under the BSEF Rules with respect to a proceeding in which the Director is a member of the relevant panel.
- (d) Any Participant, Account Manager, Authorized Trader, Account, Customer, Supervised Person or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF may be represented by counsel during any inquiry, investigation, disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary actions pursuant to this Chapter 6.
- (e) Pursuant to this Chapter 6, BSEF may hold a Participant liable for, and impose sanctions against such Participant, for such Participant's own acts and omissions that constitute a violation as well as for the acts and omissions of each (Ai) Authorized Trader of such Participant, (Bii) Supervised Person of such Participant, (Ciii) other Person using the Trader ID or login credentials linked to the Participant or Participant ID, or (Div) other agent or representative of such Participant, in each case, that constitute a violation as if such violation were that of the Participant.
- (f) Pursuant to this Chapter 6, BSEF may hold an Authorized Trader liable for, and impose sanctions against him or her, for such Authorized Trader's own acts and omissions that constitute a violation as well as or for the acts and omissions of any other agent or representative of such Authorized Trader that constitute a violation as if such violation were that of the Authorized Trader.
- (g) A Person subject to a disciplinary or appeals proceeding (and any counsel or representative of such Person) and the Compliance Department and/or the Review Panel (and any counsel or representative of the Compliance Department including any Regulatory Services Provider and Review Panel) shall not knowingly make or cause to be made an ex parte communication relevant to the merits of a disciplinary or appeals proceeding to any member of the

Hearing Disciplinary Panel or Appeals Panel hearing such proceeding. Members of a Hearing Disciplinary Panel or Appeals Panel shall not knowingly make or cause to be made an ex parte communication relevant to the merits of a disciplinary or appeals proceeding to any Person subject to such proceeding (and any counsel or representative of such Person) and the Compliance Department (and any counsel or representative of the Compliance Department) or the Review Panel (and any counsel or representative of the Review Panel including any Regulatory Services Provider). Any Person who receives, makes or learns of any communication which is prohibited by this Rule shall promptly give notice of such communication and any response thereto to the Compliance Department and all parties to the proceeding to which the communication relates. A Person shall not be deemed to have violated this Rule if the Person refuses an attempted communication concerning the merits of a proceeding as soon as it becomes apparent the communication concerns the merits.

RULE 602. Inquiries and Investigation

- Services Provider, if necessary, will conduct inquiries and, if applicable, investigations with respect to any matter within the BSEF's disciplinary jurisdiction of which it becomes aware or which the Commission requests BSEF to investigate. The Compliance Department will determine the nature and scope of its inquiries and investigations within its sole discretion and will function independently of any commercial interests of BSEF. The Compliance Department's investigation must be completed within 12 months of the date when the Compliance Department commenced its investigation unless there are mitigating factors that may reasonably justify an investigation taking longer than 12 months, including the complexity of the investigation, the number of Participants or individuals involved as potential wrongdoers, the number of potential violations to be investigated, and the volume of documents and data to be examined and analyzed by the Compliance Department.
 - (b) The Compliance Department has the authority to:
 - (i) initiate and conduct inquiries and investigations;
 - (ii) prepare investigation reports and <u>makeprovide</u> recommendations concerning initiating disciplinary proceedings;
 - (iii) prosecute alleged violations within BSEF's if a disciplinary jurisdiction proceeding has been authorized; and
 - (iv) represent BSEF on <u>appeals of a Disciplinary Panel decision</u>, the summary imposition of fines, summary suspension or other summary action.
 - (c) Each Participant, Account Manager, Authorized Trader and Supervised Person:
 - (i) is obligated to appear and testify and respond in Writing to interrogatories requests for information within the time period required by the Compliance Department in connection with: (A) any BSEF Rule; (B) any inquiry or investigation; or (C) any preparation by and presentation during a disciplinary or appeals

proceeding, summary imposition of fines, summary suspension or other summary action by BSEF;

- (ii) is obligated to produce books, records, papers, documents or other tangible evidence in its, his or her possession, custody or control within the time period required by the Compliance Department in connection with: (A) any BSEF Rule; (B) any inquiry or investigation; or (C) any preparation by and presentation during a disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary action by BSEF; and
- (iii) may not impede or delay any inquiry, investigation, disciplinary or appeals proceeding, summary imposition of fines, summary suspension or other summary action.

RULE 603. <u>Investigative Reports of Investigations</u>

- (a) The Compliance Department will maintain a <u>Written</u> log of all <u>inquiries and</u> investigations and their disposition. The Compliance Department will prepare a Written report of each <u>inquiry and</u> investigation, regardless of whether the evidence gathered during any inquiry or investigation forms a reasonable basis to believe that a violation within BSEF's jurisdiction has occurred or is about to occur or whether the evidence gathered results in closing the matter without further action or through summary action.
- (b) Any such report prepared in accordance with Rule 603(a) will include (i) the reasons the inquiry or investigation was initiated; (ii) a summary of the complaint, if any; (iii) the relevant facts and evidence gathered; (iv) the Compliance Department's analysis, conclusions and recommendations; and (v) the Participant's disciplinary history at BSEF.
- (c) (b) Any Written report of investigation will include the reasons for initiating the investigation (including a summary of the complaint, if any), all relevant facts and evidence gathered, staff analysis, conclusions and the recommendation of the Compliance Department. The report must also include the Participant's disciplinary history at BSEF. For each potential respondent, the Compliance Department will recommend either (i) closing the investigation without further action; (ii) summary action, (iii) resolving the investigation through an informal disposition, including the issuance of a warning letter or (iv; or (iii) initiating disciplinary proceedings. An informal disposition (including the issuance of a warning letter) will not constitute a finding of a violation or a sanction.

RULE 604. Opportunity to Respond to Investigation Report Warning Letters

(a) After completing its investigation report, the Compliance Department may, upon approval of the The Chief Compliance Officer, notify each potential respondent that the Compliance Department has recommended formal disciplinary charges against the potential respondent. may issue a warning letter without the approval of a Disciplinary Panel in order to close an inquiry or investigation administratively.

- (b) The Compliance Department may allow a potential respondent to propose a settlement of the matter or to submit a Written statement explaining why a disciplinary proceeding should not be instituted or one or more of the potential charges should not be brought. The potential respondent shall submit such Written statement within the time limit established by the Compliance Department. No more than one warning letter may be issued to the same Person or entity for the same Rule violation within a rolling 12-month period.
- (c) Warning letters must contain an affirmative finding that a Rule violation has occurred.

RULE 605. Review of Investigation Reports

- (a) The Review Panel Chief Compliance Officer will timely review promptly each completed proposed investigation report and any Written statement provided by the potential respondent pursuant to Rule 604 received from the Compliance Department to determine whether a reasonable basis exists for finding that a violation of BSEF Rules within BSEF's jurisdiction has occurred or is about to occur. Within 30 days of receipt of the investigation report the Review Panel Chief Compliance Officer must take one of the following actions:
 - (i) (a) If the Review Panel Chief Compliance Officer determines that additional investigation or evidence is needed to decide whether a reasonable basis exists to find that a violation of BSEF Rules within the BSEF's jurisdiction has occurred or is about to occur, the Review Panel Chief Compliance Officer will promptly direct the Compliance Department to conduct further investigation do at least one of the following:
 - (A) conduct further investigation; and/or
 - (B) gather any necessary new or additional information or evidence from the potential respondents.
 - (ii) The Compliance Department will revise the investigation report as necessary to reflect the additional information gathered pursuant to this paragraph (a) and will resubmit a revised proposed investigation report to the Chief Compliance Officer.
- (b) After receiving <u>completion of an a completed</u> investigation <u>report</u>, the <u>Review PanelChief Compliance Officer</u> will determine for each potential respondent whether to authorize:
 - (i) the commencement of disciplinary proceedings because a reasonable basis exists to believe that a violation BSEF Rules within the BSEF's jurisdiction has occurred or is about to occur and adjudication is warranted;
 - (ii) the informal disposition of the investigation (by issuing a warning letter as more fully discussed in Rule 606) because disciplinary proceedings are unwarranted, in which case the Review Panel shall provide a Written explanation which must set forth the facts and analysis supporting the decision Chief Compliance Officer shall complete the investigation report in compliance with Rule 603; or

(iii) the closing of the investigation without any action because no reasonable basis exists to believe that a violation of BSEF Rules within the BSEF's jurisdiction has occurred or is about to occur in which case the Review Panel shall provide a Written explanation including the facts and analysis supporting the decision to the Compliance Department. Chief Compliance Officer shall complete the investigation report in compliance with Rule 603.

(iv)

RULE 606. Warning Letters [Reserved]

BSEF authorizes compliance staff to issue a warning letter to a Person or entity under investigation or to recommend that a disciplinary committee take such an action. A copy of a warning letter-issued by compliance staff must be included in the investigation report. After August 4, 2014, no more than one warning letter may be issued to the same Person for the same Rule violation within a rolling 12 month period.

RULE 607. Notice of Charges

- (a) If the Review Panel Chief Compliance Officer authorizes disciplinary proceedings pursuant to Rule 605(b)(i), the Review Panel Compliance Department will prepare, and serve in accordance with Rule 608, a Notice of Charges.
 - (b) A Notice of Charges will:
 - (i) state the acts, practices or conduct that the respondent is alleged to have engaged in;
 - (ii) state the BSEF Rule or provision of Applicable Law alleged to have been violated or about to be violated;
 - (iii) state the proposed sanctions;
 - (iv) advise the respondent of its right to a hearing;
 - (v) state the period of time within which the respondent can request a hearing on the Notice of Charges, which will not be less than 20 days after service of the Notice of Charges;
 - (vi) advise the respondent that any failure to request a hearing within the period stated, except for good cause, will be deemed to constitute a waiver of the right to a hearing;
 - (vii) advise the respondent that any allegation in the Notice of Charges that is not expressly denied will be deemed to be admitted; and
 - (viii) advise the respondent of its right to be represented by legal counsel or any other representative of its choosing (other than any member of the Disciplinary Panel or

any Person substantially related to the disciplinary proceedings such as a material witness or other respondent) in all succeeding sages of the disciplinary process.

RULE 608. Service of Notice of Charges

Any Notice of Charges or other documents contemplated to be served pursuant to this Chapter 6 may be served (and service shall be deemed complete) upon the respondent either personally or by leaving the same at his or her place of business, or by tracked delivery via reputable overnight courier, or by deposit in the United States mail, postage prepaid, via registered or certified mail addressed to the respondent at the address as it appears on the books and records of BSEF.

RULE 609. Answer to Notice of Charges

- (a) If the respondent determines to answer a Notice of Charges, the respondent must file answers within 20 days after being served with such notice, or within such other time period determined appropriate by the Review Panel Chief Compliance Officer.
 - (b) To answer a Notice of Charges, the respondent must in Writing:
 - (i) specify the allegations that the respondent denies or admits;
 - (ii) specify the allegations that the respondent does not have sufficient information to either deny or admit;
 - (iii) specify any specific facts that contradict the Notice of Charges;
 - (iv) specify any affirmative defenses to the Notice of Charges; and
 - (v) sign and serve the answer on the Review Panel Chief Compliance Officer.
- (c) Any failure by the respondent to timely serve an answer to a Notice of Charges will be deemed to be an admission to the allegations in such notice. Any failure by the respondent to answer one or more allegations in a Notice of Charges will be deemed to be an admission of that allegation or those allegations. Any allegation in a Notice of Charges that the respondent fails to expressly deny will be deemed to be admitted. A statement of a lack of sufficient information shall have the effect of a denial of an allegation. A general denial by the respondent, without more, will not satisfy the requirements of paragraph (b) above.

RULE 610. Admission or Failure to Deny

- (a) If respondent admits or fails to deny any of the charges, a Hearing Panel the Chief Compliance Officer may find that the violations alleged in the Notice of Charges for which the respondent admitted or failed to deny any of the charges have been committed. The Hearing Panel Chief Compliance Officer then must take the following action:
 - (i) (a) impose a sanction for each violation found to have been committed; and

- (ii) (b) notify the respondent in Writing of any sanction to be imposed and advise the respondent that it may request a hearing on such sanction within a specified period of time.
- (b) If a respondent fails to request a hearing within 20 days as specified in the notice described in 610(a)(ii), the respondent will be deemed to have accepted the sanction and will have waived any right to appeal such sanctions.

RULE 611. Denial of Charges and Right to a Hearing

In every instance where a respondent has denied a charge, the respondent shall have a right to request a hearing <u>before the Disciplinary Panel</u>. Except for good cause, the hearing must <u>concernbe limited to</u> only <u>with</u> those <u>denied</u> charges <u>denied</u> for which a hearing has been requested.

RULE 612. Settlements

- (a) A respondent or potential respondent may at any time after the investigation report is complete Notice of Charges has been served on the respondent but before disciplinary proceedings have concluded propose in Writing an offer of settlement to anticipated or instituted disciplinary proceedings. Any offer of settlement should contain proposed findings and sanctions and be signed by the respondent or potential respondent and submitted to the Review Panel. A respondent or potential Chief Compliance Officer. A respondent may offer to settle disciplinary proceedings without admitting or denying the findings contained in the order of the disciplinary proceedings Notice of Charges but must accept the jurisdiction of BSEF over it and over the subject matter of the proceedings and consent to the entry of the findings and sanctions imposed.
- (b) If a respondent or potential respondent submits an offer of settlement in accordance with paragraph (a) above of this Rule, the Chief Compliance Department Officer will forward the offer to the Chief Compliance Officer Disciplinary Panel with a recommendation on whether to accept or reject the offer. Any preliminary determination by the Chief Compliance Officer to accept the offer shall be submitted for review by the Review Panel. If the Review Panel agrees, then the Chief Compliance Officer shall conditionally accept an offer of settlement, without alteration unless the respondent agrees, and that the settlement will become final upon the expiration of 20 days after an order of the disciplinary proceedings consistent with the terms of the offer of settlement is served on the respondent. The respondent may withdraw such offer of settlement at any time before acceptance by the Disciplinary Panel, but may not withdraw such offer at any time after acceptance by the Disciplinary Panel.
- (c) The Disciplinary Panel must review an offer of settlement within 90 Business Days after the receipt of the offer of settlement by the Chief Compliance Officer unless an extension was agreed by the respondent in Writing. The Disciplinary Panel may review the offer of settlement and determine whether to accept or reject the offer in person, by means of telephone conference or in Writing.
- (d) The Disciplinary Panel may accept the offer of settlement, but may not alter the terms of a settlement offer unless the respondent agrees.

- (e) If an offer of settlement is accepted by the Disciplinary Panel, it shall issue a Written decision specifying:
 - (i) the Rule violations it has reason to believe were committed, including the basis or reasons of its conclusions;
 - (ii) any sanction to be imposed, which must include full customer restitution where customer harm has been demonstrated;
 - (iii) if applicable, that the respondent has accepted the sanctions imposed without either admitting or denying the Rule violations.
- (f) In the event that the Disciplinary Panel accepts an offer of settlement without the agreement of the Compliance Department, the Written decision must adequately support such acceptance.
- (g) (e) If an offer of settlement is accepted, the Review Panel must issue a Written decision specifying the Rule violations it has reason to believe were committed, including the basis or reasons for the panel's conclusions, and any sanction to be imposed, which must include full Customer restitution where Customer harm is demonstrated. If an offer of settlement is accepted without the agreement of the Compliance Department, the decision must adequately support the Hearing Panel's acceptance of the settlement. Where applicable, the decision must also include a statement that the respondent has accepted the sanctions imposed without either admitting or denying the Rule violations. Further, the settlement is accepted the related order of disciplinary proceedings and the related Written decision becomes final, the respondent's submission of the offer will be deemed to constitute a waiver of the right to notice, opportunity for a hearing and review and appeal under the BSEF these Rules.
- (h) (d) If thean offer of settlement of a respondent or potential respondent is not accepted by agreement between the Chief Compliance Officer and the Reviewthe Disciplinary Panel, fails to become final or is withdrawn by the respondent or potential respondent, the matter will proceed as if the offer had not been made and the offer and all documents relating to it will not become part of the record. Neither a respondent or potential respondent nor the Compliance Department may use an unaccepted offer of settlement as an admission or in any other manner at a hearing of disciplinary proceedings.

RULE 613. Hearing Disciplinary Panel

- (a) The <u>Hearing Disciplinary</u> Panel is responsible for adjudicating disciplinary cases pursuant to a Notice of Charges authorized by <u>a Review Panelthe Chief Compliance Officer</u>.
- (b) Each Disciplinary Panel shall be composed of three individuals selected by the Chief Compliance Officer. Except in cases concerning the timely submission of accurate records, each Disciplinary Panel shall consist of at least one individual who would not be disqualified from serving as a Public Director, who shall chair the Disciplinary Panel. No member of the BSEF

Compliance Department or Person involved in adjudicating any other stage of a proceeding shall participate in a Disciplinary Panel for such proceeding.

A respondent may seek to disqualify any individual on the Hearing Disciplinary
Panel for the reasons identified in the BSEF Rules or for any other reasonable grounds, by serving
Written notice on the Chief Compliance Officer. By not timely filing a request for disqualification
within ten days, the respondent will be deemed to have waived any objection to the composition of
a Hearing Disciplinary Panel. The Chief Compliance Officer of BSEF will decide the merits of any
request for disqualification within his or her sole discretion. Any such decision will be final and
not subject to appeal.

RULE 614. Convening <u>Disciplinary Proceeding</u> Hearings of <u>Disciplinary Proceedings</u>

- (a) All disciplinary proceedings (except for summary impositions of fines pursuant to Rule 621) will be conducted at a hearing before the HearingDisciplinary Panel. A hearing will be conducted privately and confidentially. Notwithstanding the confidentiality of hearings, the HearingDisciplinary Panel may appoint an expert to attend any hearing and assist in deliberations if such expert agrees to be subject to an appropriate confidentiality agreement.
- (b) After reasonable notice to each respondent, the Hearing Disciplinary Panel will promptly convene a hearing to conduct the disciplinary proceedings with respect to such respondent. Parties to a disciplinary proceeding include each respondent and the Compliance Department including the Enforcement Staff BSEF enforcement staff.
- (c) The chairperson of the Hearing Disciplinary Panel may continue, adjourn or otherwise conduct the hearing, as he or she may deem appropriate. The chairperson of the Hearing Disciplinary Panel will determine all procedural and evidentiary matters, including the admissibility and relevance of any evidence proffered. In determining procedural and evidentiary matters, the chairperson of the Hearing Disciplinary Panel will not be bound by any evidentiary or procedural rules or law. Once admitted during the hearing, the Hearing Disciplinary Panel may consider, and attach the weight it believes appropriate to, evidence or other materials. The Chief Compliance Officer of BSEF, or its designee, will provide guidance to the chairperson of the Hearing Disciplinary Panel on the conduct of the hearing.
- (d) Except for procedural and evidentiary matters decided by the chairperson of the Hearing Disciplinary Panel pursuant to paragraph (c) above and Rule 616, unless each respondent otherwise consents, the entire Hearing Disciplinary Panel must be present during the entire hearing and any related deliberations.

RULE 615. Respondent Review of Evidence

(a) Prior to the commencement of a <u>Disciplinary Panel</u> hearing, each respondent will be given the opportunity to review all books, records, documents, papers, transcripts of testimony and other tangible evidence in the possession or under the control of BSEF that the Compliance Department will use to support the allegations and proposed sanctions in the Notice of Charges or which the chairperson of the <u>Hearing Disciplinary</u> Panel deems relevant to the disciplinary

proceedings. Notwithstanding the foregoing, no respondent will have the right to review, and BSEF will have no obligation to disclose, any information protected by attorney client-privilege.BSEF may withhold documents that:

- (i) are privileged or constitute attorney work product;
- (ii) were prepared by an employee of BSEF but will not be offered as evidence in the disciplinary proceedings;
- (iii) may disclose a technique or guideline used in examinations, investigations or enforcement proceedings; or
- (iv) disclose the identity of a confidential source.
- (b) If any books, records, documents, papers, transcripts of testimony, or other tangible evidence contain information that could adversely affect the competitive position of the Person providing the information or if such information might compromise other investigations being conducted by the Compliance Department, the Compliance Department may redact, edit or code such information before furnishing it to the respondent.
- (c) Notwithstanding anything in paragraph (b) above to the contrary, the Compliance Department:
 - (i) will not redact, edit or code competitive or investigative information contained in documents in a manner that would impair the respondent's ability to defend against the allegations or proposed sanctions in the notices of charges; and
 - (ii) will provide the respondent with access to the information and portions of the documents that the Compliance Department intends to rely on to support the allegations or proposed sanctions in the Notice of Charges.
- (d) For purposes of this Rule 615, information that could adversely affect the competitive positions include position includes positions in Swaps currently held, trading strategies employed in establishing or liquidating positions, the identity of any Participant or Authorized Trader and the personal finances of the Person providing the information.

RULE 616. Conducting <u>Disciplinary Proceeding</u> Hearings of <u>Disciplinary Proceedings</u>

- (a) At a hearing conducted in connection with any disciplinary proceedings proceeding, the Compliance Department will present its case supporting the allegations and proposed sanctions in the Notice of Charges to the HearingDisciplinary Panel. If a respondent has timely filed an answer to the Notice of Charges in accordance with Rule 609, the respondent is entitled to attend and participate in the hearing.
- (b) At a hearing conducted in connection with any disciplinary proceedings, the Hearing Disciplinary Panel or the Compliance Department and each respondent may:

- (i) present evidence and facts determined relevant and admissible by the chairperson of the Hearing Disciplinary Panel;
 - (ii) call and examine witnesses; and
 - (iii) cross-examine witnesses called by other parties.
- (c) Any Person within itsBSEF's jurisdiction who is called as a witness must participate in the hearing and produce evidence. BSEF will make reasonable efforts to secure the presence of all other Persons called as witnesses whose testimony would be relevant.
- (d) If the respondent fails to file an answer, has filed a general denial, or if any or all of the allegations in the Notice of Charges are not expressly denied in the respondent's answer, the chairperson of the Hearing Disciplinary Panel may limit evidence concerning any allegations not expressly denied in determining the sanctions to impose. If a respondent fails to file an answer but appears at the hearing, the respondent may not participate in the hearing (by calling or cross examining witnesses, testifying in defense, presenting evidence concerning the Notice of Charges, or otherwise) unless the Hearing Disciplinary Panel determines that the respondent had a compelling reason for failing to timely file an answer. If the Hearing Disciplinary Panel determines that the respondent had a compelling reason for failing to timely file an answer, the Hearing Disciplinary Panel will adjourn the hearing and direct the respondent to promptly file a Written answer in accordance with Rule 609.
- (e) Any Person entitled, or required or called upon, to attend a hearing before a Hearing Disciplinary Panel pursuant to paragraph (b)(ii) above will be given reasonable notice, confirmed in Writing, specifying the date, time and place of the hearing, and the caption of the disciplinary proceedings. BSEF will require all Participants (that are individuals), Customers, Account Managers, Authorized Traders and Supervised Persons that are called as witnesses to appear at the hearing and produce evidence. BSEF will make reasonable efforts to secure the presence of all other Persons called as witnesses whose testimony would be relevant.
- (f) If during any disciplinary proceedings the Hearing Disciplinary Panel determines that a reasonable basis exists to believe that the respondent violated or is about to violate a BSEF Rule or a provision of Applicable Law other than the violations alleged in the Notice of Charges, the Hearing Disciplinary Panel may consider those apparent violations after providing the respondent with an opportunity to answer the additional allegations in accordance with Rule 609. In connection with considering apparent violations pursuant to this paragraph (ef), the Hearing Disciplinary Panel may request that the Compliance Department provide the Hearing Disciplinary Panel with any additional information.
- (g) The <u>Hearing Disciplinary</u> Panel may summarily impose sanctions on any Participant, Account Manager, Authorized Trader or Supervised Person that impedes or delays the progress of a hearing.
- (h) BSEF will arrange for any hearing conducted in connection with disciplinary proceedings to be recorded hearing verbatim, or substantially verbatim, in a manner capable of accurate transcription. If the respondent requests a copy of all or portions of the recording of a

hearing, the chairperson of the Disciplinary Panel may within his or her sole discretion order the respondent to pay the costs for transcribing the recording of the hearing.

- (i) As promptly as reasonable following a hearing, the Hearing Disciplinary Panel will issue an ordera Written decision rendering its decision based on the weight of the evidence contained in the record of the disciplinary proceedings. A decision by a majority of the Hearing Disciplinary Panel will constitute the decision of the Hearing Disciplinary Panel.
- (j) No interlocutory appeals of rulings of any Hearing Panel or chairperson of the Hearing Disciplinary Panel are permitted.
- (k) If the respondent has requested a hearing, a copy of the hearing shall be made and shall become a part of the record of the proceeding. The record shall not be required to be transcribed unless:
 - (i) the transcript is requested by Commission staff or the respondent;
 - (ii) the decision is appealed pursuant to the BSEF Rules; or
 - (iii) the decision is reviewed by the Commission pursuant to section 8c of the Act or Part 9 of CFTC Regulations. In all other instances, a summary record of a hearing is permitted.

In all other instances, a summary record of a hearing is permitted.

RULE 617. Decision of Disciplinary Panel

- (a) Each Disciplinary Panel shall be composed of three individuals selected by the Chief Compliance Officer. Except in cases concerning the timely submission of accurate records, each Disciplinary Panel shall consist of at least one individual who would not be disqualified from serving as a Public Director, who shall chair the Disciplinary Panel. No Person involved in adjudicating any other stage of a proceeding shall participate in a Disciplinary Panel for such proceeding.
- (b) Promptly following a hearing conducted in accordance with Rule 616, the Disciplinary Panel shall render a Written decision.
- (a) (e) The <u>Disciplinary Panel's</u> Written decision must be based upon the weight of the evidence contained in the record of the proceeding and shall provide a copy to the respondent. The decision shall include:
 - (i) the Notice of Charges or a summary of the charges;
 - (ii) the answer, if any, or a summary of the answer;
 - (iii) a summary of the evidence produced at the hearing or, where appropriate, incorporation by reference of the investigation report;

- (iv) a statement of findings and conclusions with respect to each charge, and a complete explanation of the evidentiary and other basis for such findings and conclusions with respect to each charge;
- (v) an indication of each specific Rule that the respondent was found to have violated; and
- (vi) a declaration of all sanctions imposed against the respondent, including the basis for such sanctions and the effective date of such sanctions.
- (d) The order of the disciplinary proceedings Written decision will become final upon the expiration of 20 days after the order it is served on the respondent and a copy thereof is provided to the Compliance Department.

RULE 618. Sanctions

(a) After notice and opportunity for hearing in accordance with the BSEF Rules, BSEF will impose sanctions if any Participant, Account Manager, Authorized Trader, Supervised Person or other Person using any Trader ID or login credentials linked to the Participant is found to have violated or to have attempted to violate a BSEF Rule or provision of Applicable Law for which BSEF possesses disciplinary jurisdiction. Subject to the limitations set forth in Rule 618(b), BSEF may impose one or more of the following sanctions or remedies: (i) censure; (ii) limitation on Trading Privileges, Trading Access or other activities, functions or operations; (iii) suspension of Trading Privileges or Trading Access; (iv) fine (subject to paragraph (b) below); (v) disgorgement; (vi) termination of Trading Privileges or Trading Access; (vii) in the event of a customer harm, full customer restitution, except where the amount of restitution or to whom it should be provided cannot reasonably be determined; or (viii) any other sanction or remedy deemed to be appropriate. All sanctions, including those imposed pursuant to an accepted settlement offer, shall take into account respondent's disciplinary history.

For purposes of Rule 618(a)(vii), "customer" shall have the meaning set forth in CFTC Regulation 1.3(k).

(b) BSEF may impose a fine of up to \$100,000 for each violation of a BSEF Rule. If a fine or other amount is not paid within 30 days of the date that it becomes payable, then interest will accrue on the sum from the date that it became payable at the quoted prime rate plus three percent. BSEF has sole discretion to select the bank on whose quotations to base the prime rate. Each Participant will be responsible for paying any fine or other amount imposed on, but not paid by, any of its Authorized Traders, Account Managers or Supervised Persons. The following schedule lists the recommended fines that BSEF may impose:

Type of Violation Fine Per Occurrence ¹			
	First	Second	Third
	Violation	Violation	Violation

¹ Within a "rolling" 12-month period.

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Failure to provide information to BSEF as required by the BSEF Rules	<u>\$1000</u>	<u>\$1500</u>	<u>\$2500</u>
Violation of Order entry requirements Impeding or delaying a BSEF examination, inquiry or investigation undertaken pursuant to BSEF Rule 524402	\$ 1250 100 0	\$1500	\$ 1750 250 0
Violation of Trade reporting requirements	\$1250	\$1500	\$1750

RULE 619. Costs

- (a) Regardless of the outcome of any disciplinary proceeding, the Disciplinary Panel may order a respondent to pay some or all of the costs associated with the disciplinary proceedings that the Disciplinary Panel believes were unnecessarily caused by the respondent. Costs may include costs associated with the inquiry or investigation, the prosecution by the Compliance Department, legal and professional assistance, <u>as well as</u> the hearing and administrative <u>costs</u> and other expenses incurred by the Disciplinary Panel.
- (b) The Disciplinary Panel may only award costs against BSEF if the Panel concludes that BSEF has behaved in a manifestly unreasonable manner in the commencement or conduct of the disciplinary proceedings in question. The Disciplinary Panel must limit any award of costs against BSEF to an amount that the Panel concludes is reasonable and appropriate, but does not exceed the respondent's costs for external legal or other external professional assistance.
- (c) The Disciplinary Panel may determine the amounts and allocation of costs in any manner it may deem appropriate. BSEF or the respondent will pay any costs ordered to be paid by it by the Disciplinary Panel within 30 days of Written notice of the amount imposed by the Disciplinary Panel.

RULE 620. Right to Appeal Disciplinary Panel Decision, Summary Impositions of Fines and Other Summary Actions

- (a) Each respondent found by the Disciplinary Panel to have violated (or, in the case of a Participant, whose Authorized Trader, Supervised Person or other Person using its Participant ID was found to have violated) a Rule or who is subject to <u>termination or limitation of Trading Privileges or Trading Access imposed pursuant to Rule 305</u>, any summary fine imposed pursuant to Rule 621 or any summary action imposed pursuant to Rule 622 may appeal the decision within 20 days of receiving the <u>orderWritten decision</u> of the Disciplinary Panel or the notice of summary action, as the case may be, by filing a notice of appeal with the Chief Compliance Officer.
- (b) BSEF may appeal all or any part of a decision of the Disciplinary Panel, including any sanctions that may or may not have been imposed by the Disciplinary Panel, within 20 days of receiving the order Written Decision of the Disciplinary Panel, by filing a notice of appeal with the Chief Compliance Officer.
- (c) While an appeal is pending, the effect of the <u>orderWritten decision</u> of the Disciplinary Panel or the summary action (including any sanctions, remedies or costs imposed thereby) shall be suspended.

- (d) The notice of appeal must state in writing the grounds for appeal, including the findings of fact, conclusions or sanctions to which the appellant objects. An appellant may appeal the <u>orderWritten decision</u> of the Disciplinary Panel or any summary action on the grounds that:
 - (i) the <u>orderWritten decision</u> or summary action was arbitrary, capricious, an abuse of discretion, or not in accordance with these Rules;
 - (ii) the <u>orderWritten decision</u> or summary action exceeded the authority or jurisdiction of the Disciplinary Panel, the Chief Compliance Officer or BSEF;
 - (iii) the <u>orderWritten decision</u> or summary action failed to observe required procedures;
 - (iv) the <u>orderWritten decision</u> or summary action was unsupported by the facts or evidence; or
 - (v) the sanctions, remedies or costs which were imposed were inappropriate or unsupported by the record.
- (e) The Chief Compliance Officer will forward copies of any notice of appeal received by it to all parties to the disciplinary proceeding or summary action, as the case may be, except the appellant. On or before the 20th day after filing a notice of appeal, the appellant must file with the Chief Compliance Officer and serve on BSEF a brief supporting the notice of appeal and documents supporting the brief. On or before the 20th day after the date on which the appellant serves its supporting brief, the appellee must file and serve its brief in opposition. On or before the 10th day after the date on which the appellee serves its brief in opposition, the appellant must file and serve on BSEF a brief in reply.
- (f) In connection with any appeal, BSEF will furnish to the Chief Compliance Officer and to the respondent/appellant a transcript of the hearing, any exhibits introduced at the hearing, the notice of appeal and briefs filed to support and oppose the appeal.
- (g) No later than 30 days after the last submission filed pursuant to paragraph (e) of this Rule 620, the Chief Compliance Officer will appoint an Appeals Panel to consider and determine the appeal. An Appeals Panel shall be comprised of three individuals, none of whom shall be a member of the Compliance Department or have been a member of any Disciplinary Panel involved in the matters on appeal. The chairperson of the Appeals Panel shall be an individual who would not be disqualified from serving as a Public Director.
- (h) Within 10 days of being notified of the appointment of the Appeals Panel, an appellant or appellee may seek to disqualify any individual named to the Appeals Panel for the reasons identified in these Rules, by serving written written notice on the Chief Compliance Officer. By not timely filing a request for disqualification, the appellant or appellee will be deemed to have waived any objection to the composition of the Appeals Panel. The Chief Compliance Officer will decide the merits of any request for disqualification within his or her sole discretion. Any such decision will be final and not subject to appeal.

- (i) The Appeals Panel may hold a hearing to allow parties to present oral arguments. Any hearing will be conducted privately and confidentially. Notwithstanding the confidentiality of hearings, the Appeals Panel may appoint an expert to attend any hearing and assist in the deliberations if such individual(s) agree to be subject to appropriate confidentiality agreements. In determining procedural and evidentiary matters, the Appeals Panel will not be bound by evidentiary or procedural rules or law.
- (j) The Appeals Panel will only consider on appeal the record before the Disciplinary Panel or, in the case of a summary action, the record considered by the Chief Compliance Officer, the notice of appeal, the briefs filed in support and opposition of the appeal, and any oral arguments of the parties. The Appeals Panel may only consider new evidence when the Appeals Panel is satisfied that good cause exists for why the evidence was not introduced during the disciplinary proceeding or when imposing the summary action.
- (k) After completing its review, the Appeals Panel may affirm, modify or reverse any order Written decision of the Disciplinary Panel or summary action under appeal, in whole or in part, including increasing, decreasing or eliminating any sanction or remedy imposed, imposing any other sanction or remedy authorized by these Rules, or remanding the matter to the same or a different Disciplinary Panel for further disciplinary proceedings or for reconsideration by the Chief Compliance Officer in the case of summary action. The Appeals Panel may order a new hearing for good cause or if the Appeals Panel deems it appropriate.
- (l) As promptly as reasonably possible following its review, the Appeals Panel will issue a written Written decision on appeal rendering its decision based on the preponderance of the evidence before the Appeals Panel. The decision of the Appeals Panel will include a statement of findings of fact and conclusions for each finding, sanction, remedy and cost reviewed on appeal, including each specific Rule and provision of Applicable Law that the respondent is found to have violated, if any, and the imposition of sanctions, remedies and costs, if any, and the effective date of each sanction, remedy or cost.
- (m) The Appeals Panel's <u>written Written</u> order on appeal (including findings of fact and conclusions and the imposition of sanctions, remedies and costs, and the effective date of any sanction, remedy cost) will be the final action of BSEF and will not be subject to appeal within BSEF.

RULE 621. Summary Imposition of Fines

- (a) The Chief Compliance Officer may summarily impose a fine against a Participant (on behalf of the Participant or any of its Authorized Traders, Account Managers, Supervised Persons or other Persons using any Trader IDs) for failing:
 - (i) to make timely payments of fees, cost, charges or fines to BSEF;
 - (ii) to make timely and accurate submissions to BSEF of notices, reports or other information required by the BSEF Rules; or
 - (iii) to keep any books and records required by the BSEF Rules.

- (b) The Compliance Department, acting on behalf of the Chief Compliance Officer, will give notice of any fine imposed pursuant to this Rule 621 to each Participant subject thereto. The notice will specify (i) the violations of the BSEF Rules for which the fine is being imposed, (ii) the date of the violation for which the fine is being imposed and (iii) the amount of the fine. Within 20 days of serving the notice of fine, the Participant must either pay or cause the payment of the fine. The fine will become final upon the expiration of 20 days after the notice of fine is served on the Participant.
- (c) BSEF will set the amount of any fines imposed pursuant to this Rule 621, with the maximum fine for each violation not to exceed \$5,000. Summary imposition of fines pursuant to this Rule 621 will not preclude BSEF from bringing any other action against the Participant (or any of its Account Managers, Authorized Traders or Supervised Persons) or Authorized Trader, as the case may be. The following schedule lists the recommended summary fines that BSEF or the Chief Compliance Officer may impose:

Type of Violation	Fine Per Occurrence ²		
	First	Second	Third
	Violation	Violation	Violation
Failure to maintain complete and accurate books and	\$1000	\$1500	\$2500
records as required by BSEF Rule 409.B			
Failure to provide information to BSEF as required by the	\$1000	\$1500	\$2500
BSEF Rules			
Impeding or delaying a BSEF examination, inquiry or	\$1000	\$1500	\$2500
investigation undertaken pursuant to the BSEF Rules			
Failure to provide any disclosure required by BSEF Rule	\$1000	\$1250	\$1500
402			
Failure to identify and maintain a current list of	\$1000	\$1250	\$1500
Authorized Traders as required by BSEF Rule 530			
<u>Violation of Order entry requirements pursuant to Rule</u>	<u>\$1250</u>	<u>\$1500</u>	<u>\$1750</u>
524, including failure to provide an accurate Legal Entity			
<u>Identifier</u>			
<u>Violation of Trade reporting requirements</u>	<u>\$1250</u>	<u>\$1500</u>	<u>\$1750</u>
<u>Violation of the requirements to timely report a block</u>	<u>\$1250</u>	<u>\$1500</u>	<u>\$1750</u>
<u>trade pursuant to Rule 531.A(d)</u>			

RULE 622. Hearings Involving BSEF-Affiliated Trading Entities

(a) No BSEF employee that is also an employee of an affiliate of BSEF that engages in trading activity shall perform an investigation of such affiliated trading entity.

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² Within a "rolling" 12-month period.

- (b) In the event that a Disciplinary Panel is convened for a hearing involving an affiliated trading entity, no Person associated with BSEF or such affiliated trading entity shall be a member of such Disciplinary Panel.
- (c) The Board must approve the issuance of disciplinary charges and acceptance of settlement offers involving an affiliated trading entity.

RULE 623. [Reserved]

RULE 624. Notice to the Respondent, the Regulatory Services Provider and the Public

BSEF will provide Written notice of disciplinary proceedings to the parties consistent with applicable CFTC Regulations. Whenever BSEF suspends, expels, fines or otherwise disciplines, or denies any Person access, to BSEF, BSEF will make the disclosures required by CFTC Regulations.

CHAPTER 7.

ARBITRATION

RULE 701. General

- Except as otherwise provided in these Rules, Participants, Authorized Traders and any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF shall submit to the NFA for arbitration all disputes, controversies and claims between or among themselves arising out of a Swap or the use of the systems or services of BSEF or the services, equipment, or facilities used to support such systems or services, including the SEF Platform and the SEF operated by BSEF (each, a "Dispute"). Any such claim against a Participant shall be brought within two years from the time that a cause of action has accrued. This Rule 701 shall in no way be construed to create a cause of action and shall not authorize an action that would otherwise be prohibited by these Rules or Applicable Law. In the event that this Rule 701 is held to be unenforceable in connection with any Dispute or a claim is deemed by a court of competent jurisdiction to be not arbitrable, (i) exclusive jurisdiction for any such Dispute will reside in any state or federal court sitting in New York County, New York, (ii) the Participants involved in the Dispute will be presumed to have submitted to the personal jurisdiction of any such court, and (iii) an action to enforce any judgment or decision of such court may be brought in the same court or in any other court with jurisdiction or venue. Finally, all Participants unconditionally and irrevocably waive any and all right to trial by jury in connection with any such Dispute.
- (b) Notwithstanding the foregoing, this Rule 701 does not apply to Disputes between Participants, Authorized Traders or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF that: (i) such Persons are required by the Rules of a Self-Regulatory Organization to submit to the Dispute resolution procedures of that Self-Regulatory Organization; or (ii) such Persons have, by valid and binding agreement, committed to negotiate or litigate in a forum other than the forum set out in Rule 702.

RULE 702. Forum and Arbitration Rules

NFA will conduct any and all arbitrations of a type described in Rule 701 pursuant to NFA's Member Arbitration Rules, as if each Participant or Authorized Trader to such arbitration was an "NFA Member".

RULE 703. Initiating an Arbitration Claim

- (a) A Participant or Authorized Trader may initiate an arbitration claim by submitting the required documents and fees to NFA.
- (b) A Participant or Authorized Trader submitting an arbitration claim shall provide notice of such claim to BSEF.

RULE 704. Claims Relating to Trade Cancelations or Price Adjustments

All claims relating to Trade cancelations pursuant to Rule 516 shall be arbitrated in accordance with this Chapter 7.

RULE 705. Penalties

- (a) Any failure on the part of any Participant or Authorized Trader to arbitrate a case subject to arbitration, or the commencement by any such Participant or its Person of a suit in any court prior to arbitrating a case subject to arbitration, violates these Rules and subjects such Person to disciplinary proceedings pursuant to Chapter 6.
- (b) BSEF may summarily suspend, pursuant to Chapter 6, a Participant or Authorized Trader that fails to satisfy an arbitration award rendered in any arbitration conducted pursuant to this Chapter 7.

CHAPTER 8. MISCELLANEOUS

RULE 801. Anti-Money Laundering and Anti-Terrorism

- (a) It is SEF policy: (1) Not to engage in or knowingly assist any money laundering or other illicit business, and (2) Not to engage in or knowingly assist, or be a conduit for, terrorist financing.
- (b) Participants will be required to provide sufficient information for Participants and their Accounts, if applicable, for SEF to complete "know your customer" checks and to conduct restricted list searches, including searches against the Specially Designated Nationals and Blocked Persons list maintained by the Office of Foreign Assets Control of the U.S. Department of the Treasury.

RULE 802. Gifts and Gratuities

Except as permitted in Writing by the Chief Compliance Officer, no Participant or Authorized Trader shall, directly or indirectly, give or permit to be given anything of value (including gratuities) to a SEF Official or BSEF, including any agents or independent contractors of BSEF. A gift of any kind is considered a gratuity.

RULE 803. Market Data

- (a) Subject to each Participant's rights in Participant's own data (and the data of its Accounts and Customers) as set forth in the Participant Documentation, BSEF shall own all rights, title and interest, database rights and trade secret rights in and to all data and other information contained in, displayed on, generated by or derived from the SEF Platform or the SEF operated by BSEF or Trades entered into pursuant to the BSEF Rules, including Orders, prices and volumes ("SEF Data").
- (b) Participants and Authorized Traders shall not, and shall cause their Affiliates, Accounts and Customers not to, distribute, sell or retransmit SEF Data or other information obtained via the SEF operated by BSEF, provided that any such restrictions shall not apply to Participant's own data (and the data of its Accounts and Customers).
- (c) BSEF may at any time restrict or establish utilization fees in respect of SEF Data and/or the format and presentation thereof with respect to Participants, Customers or Accounts, provided that any such fees shall not apply to Participants' use of Participant's own data (and the data of its Accounts and Customers).
- (d) Subject to Rule 805, BSEF may make SEF Data and other information it may deem appropriate available to Participants and other Persons at such times and in such manner (whether through the SEF Platform, a ticker, financial information services or otherwise) as it may consider necessary or advisable from time to time. Each Participant or other Person receiving any such information through the SEF operated by BSEF may redistribute such information only to such extent and in such manner as may be permitted by BSEF from time to time.

RULE 804. Prohibited Use of Data Collected for Regulatory Purposes

BSEF shall not use for business or marketing purposes any proprietary data or personal information it collects or receives, from or on behalf of any person, for the purpose of fulfilling its regulatory obligations; provided, however, that BSEF may use such data or information for business or marketing purposes if the Person from whom it collects or receives such data or information clearly consents in Writing to BSEF's use of such data or information in such manner. BSEF shall not condition access to its market(s) or market services on a Person's consent to BSEF's use of proprietary data or personal information for business or marketing purposes. BSEF, where necessary for regulatory purposes, may share such data or information with one or more SEFs or DCMs registered with the CFTC.

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RULE 805. Confidentiality

- (a) All non-public information provided by a Participant or Authorized Trader to BSEF shall be held in confidence and shall not be made known to any other Person except as follows:
 - (i) with the consent of the Participant or Authorized Trader providing such information;
 - (ii) to a Governmental Body if BSEF is requested or legally required to do so by such Governmental Body;
 - (iii) pursuant to a lawful discovery request;
 - (iv) to a Derivatives Clearing Organization of which such Participant is a member or in connection with the clearing of a Swap;
 - (v) to a Swap Data Repository;
 - (vi) subject to appropriate confidentiality requirements, to any Person providing services to BSEF, including the Regulatory Services Provider;
 - (vii) pursuant to an information sharing agreement or other arrangement or procedures in accordance with Rule 213;
 - (viii) subject to appropriate confidentiality requirements, to BSEF employees, the Board, Board committees, Disciplinary Panels, Appeals Panels, BSEF Officers, attorneys, auditors, and agents, independent contractors or other Persons that have been engaged by BSEF, in each case, who require such information in connection with the discharge of their duties to BSEF; and
 - (ix) as otherwise permitted under these Rules.
- (b) All information and data obtained or received by BSEF from inspections of accounting and other records will be treated as confidential by BSEF; however, this Rule does not supplant Rule 212 (Emergency Rules) and the Rules in Chapter 6 (Disciplinary Rules), or any other requirement of legal process or law.

RULE 806. Extension or Waiver of BSEF Rules

If necessary and expedient, the Chief Compliance Officer may, in its sole discretion, waive, or extend the time period for performing, any act or acts designated by the BSEF Rules, but only to the extent such waiver or extension is not inconsistent with the CEA or the CFTC Regulations or other applicable regulations.

RULE 807. Effect of Amendment, Repeal or New Rule

- (a) If an amendment or repeal of a BSEF Rule or adoption of a new BSEF Rule does not materially change the terms or conditions of a Swap and does not affect the value of open Swaps, then the effective date of any amendment or repeal of a Rule or adoption of a new Rule relating to Swaps is binding on all Swaps entered into before and after the effective date of such amendment, repeal or adoption and, to the extent applicable, before the effective date of such amendment, repeal or adoption.
- (b) If an amendment or repeal of a BSEF Rule or adoption of a new Rule materially changes the terms or conditions of an open Swap or affects the value of open Swaps, then the amendment, repeal or new BSEF Rule shall not affect any open Swaps and shall be binding only on new Swaps listed for trading after the effective date of such amendment, repeal or adoption, and Swaps listed as of the effective date of such amendment, repeal or adoption with no open positions then in existence, unless otherwise specifically provided by the Board.

RULE 808. Swap Contract Specifications

- (a) BSEF shall permit trading only in Swaps that are not readily susceptible to manipulation. To demonstrate to the CFTC compliance with the requirements of this Rule 808(a), BSEF shall, at the time it submits a new Swap in advance to the CFTC pursuant to Part 40 of the CFTC Regulations, provide the applicable information as set forth in Appendix C to Part 38 of the CFTC Regulations Demonstration of Compliance That a Contract is not Readily Susceptible to Manipulation.
- (b) Notwithstanding any provision of the BSEF Rules to the contrary, the Swap Specification with respect to a particular Swap shall govern the applicability of the BSEF Rules to trading in such Swap and, in the event of any conflict between the BSEF Rules and the Swap Specification, the Swap Specification shall govern with respect to trading in the relevant Swap.
 - (c) The Swap Specification for each individual Swap may specify:
 - (i) different classes of Participants eligible to trade such Swaps. Each such class of Participants shall have the rights and obligations specified by the Swap Specification for each such Swap;
 - (ii) whether such Swap may be settled via cash settlement, physical delivery of the underlying commodity, or by any other means, as applicable; and
 - (iii) the method for determining settlement prices.
 - (d) Each Swap contract will be published by BSEF on its website.
- (e) Swap Specifications are incorporated into the Rulebook by reference and each Swap Specification shall constitute a BSEF Rule.

RULE 809. Timely Publication of Trading Information

BSEF will publish trading information as required by Core Principle 9 of Part 37, and by Part 16, of the CFTC Regulations.

RULE 810. Governing Law, Jurisdiction and Dispute Resolution

- (a) Unless preempted by the Act, the law of the State of New York governs the BSEF Rules and any Participant Documentation regardless of the laws that would otherwise apply under choice-of-law principles. If a Participant provides an opinion of a counsel (i) stating that the Participant cannot be subject to the law of the State of New York and must be subject to the law of the jurisdiction of the location where the Participant is organized (the "Local Law") and (ii) enumerating specific provisions of these Rules or the Participant Documentation that must be subject to the Local Law, BSEF will specify the application of the Local Law to the enumerated specific provisions of these Rules and the Participant Documentation; provided, however, that in no event shall Local Law supersede any provision of the Act.
- (b) Any dispute between BSEF and a Participant or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF arising from or in connection with the BSEF Rules or use of the SEF operated by BSEF must be brought to arbitration pursuant to subsection (c) of this Rule 810 within one (1) year from the occurrence of the event giving rise to the dispute. This Rule 810 shall in no way create a cause of action nor authorize an action that would otherwise be prohibited by the BSEF Rules.
- Any dispute between BSEF and a Participant or any market participant that directly or indirectly effects a transaction on the SEF operated by BSEF arising from or in connection with the BSEF Rules will be settled by arbitration administered in New York County, New York by the American Arbitration Association (the "AAA") under its Commercial Arbitration Rules. The dispute will be submitted to one arbitrator who will be appointed by the AAA. Any arbitrator appointed for purposes of this Rule 810 will have experience with and knowledge of commodities, derivatives and Swaps as listed on the National Roster of Arbitrators kept in the AAA's records. Judgment on the award rendered by the arbitrator will be binding on the parties and may be entered in any state or federal court sitting in New York County, New York, and BSEF and each Participant shall be deemed to have consented to the personal jurisdiction of any such court. Each party to the dispute will bear its own costs and expenses in connection with any arbitration hereunder, as well as an equal share of the administrative fees and the fees of the arbitrator; provided, however, that the arbitrator will be entitled to include in any award a full reimbursement for the prevailing party's costs and expenses, such party's share of the administrative fees and the fees of the arbitrator, or any combination of any or all of the above. In the event that this Rule 810 is held to be unenforceable in connection with any dispute or a claim is deemed by a court of competent jurisdiction to be not arbitrable, (i) exclusive jurisdiction for any such dispute will reside in any state or federal court sitting in New York County, New York, (ii) BSEF and the Participant involved in the dispute will be presumed to have submitted to the personal jurisdiction of any such court, and (iii) an action to enforce any judgment or decision of such court may be brought in the same court or in any other court with jurisdiction or venue. Finally, all Participants

unconditionally and irrevocably waive any and all right to trial by jury in connection with any such dispute.

CHAPTER 9. LIMITATION OF LIABILITY, NO WARRANTIES

RULE 901. LIMITATION OF LIABILITY, NO WARRANTIES

- (a) NONE OF BSEF, ITS AFFILIATES OR ANY CONTRACTORS AND SUB-CONTRACTORS PROVIDING SERVICES RELATED TO BSEF OR THE SEF OPERATED BY BSEF, NOR ANY OF THEIR RESPECTIVE SUCCESSORS OR ASSIGNS, DIRECTORS, OFFICERS, EMPLOYEES, AGENTS, PARTNERS, CONSULTANTS, OR LICENSORS (EACH, A "DISCLAIMING PARTY") SHALL BE LIABLE TO ANY PERSON (INCLUDING ANY PARTICIPANT, AUTHORIZED TRADER, SUPERVISED PERSON, ACCOUNT, CUSTOMER OR ANY MARKET PARTICIPANT THAT DIRECTLY OR INDIRECTLY EFFECTS A TRANSACTION ON THE SEF OPERATED BY BSEF) FOR ANY LOSSES, DAMAGES, COSTS OR EXPENSES (INCLUDING LOSS OF PROFITS, LOSS OF USE, AND DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES), ARISING FROM:
 - (i) ANY FAILURE, MALFUNCTION, FAULT IN DELIVERY, DELAY, OMISSION, SUSPENSION, INACCURACY, INTERRUPTION, TERMINATION, OR ANY OTHER EVENT, IN CONNECTION WITH THE FURNISHING, PERFORMANCE, OPERATION, MAINTENANCE, USE OF OR INABILITY TO USE ALL OR ANY PART OF ANY OF THE SEF OPERATED BY BSEF, SEF PLATFORM OR SERVICES OF THE DISCLAIMING PARTY, OR SERVICES, EQUIPMENT OR FACILITIES USED TO SUPPORT SUCH SEF OPERATED BY BSEF, SEF PLATFORM OR SERVICES, INCLUDING ELECTRONIC ORDER ENTRY/DELIVERY, TRADING THROUGH ANY ELECTRONIC MEANS, ELECTRONIC COMMUNICATION OF MARKET DATA, SEF DATA OR INFORMATION, WORKSTATIONS USED BY PARTICIPANTS, AUTHORIZED TRADERS, SUPERVISED PERSONS, ACCOUNTS OR CUSTOMERS, PRICE REPORTING SYSTEMS AND ANY AND ALL COMMUNICATIONS NETWORKS, SOFTWARE AND HARDWARE RELATING THERETO;
 - (ii) ANY FAILURE, MALFUNCTION, FAULT IN DELIVERY, DELAY, OMISSION, SUSPENSION, INACCURACY, INTERRUPTION OR TERMINATION, OR ANY OTHER EVENT, OF THE SEF PLATFORM OR ANY SERVICES OF A DISCLAIMING PARTY, OR SERVICES, EQUIPMENT OR FACILITIES USED TO SUPPORT SUCH TRADING SYSTEMS OR SERVICES, CAUSED BY ANY THIRD PARTIES INCLUDING INDEPENDENT SOFTWARE VENDORS OR NETWORK PROVIDERS;
 - (iii) ANY ERRORS OR INACCURACIES IN INFORMATION PROVIDED BY THE DISCLAIMING PARTY OR IN ANY OF THE DISCLAIMING PARTY'S SYSTEMS, SERVICES, EQUIPMENT OR FACILITIES;

(iv) ANY UNAUTHORIZED ACCESS TO OR UNAUTHORIZED USE OF ANY OF THE DISCLAIMING PARTY'S SYSTEMS, SERVICES, EQUIPMENT OR FACILITIES BY ANY PERSON.

THE FOREGOING LIMITATION OF LIABILITY SHALL APPLY WHETHER A CLAIM ARISES IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, CONTRIBUTION OR OTHERWISE AND WHETHER THE CLAIM IS BROUGHT DIRECTLY OR AS A THIRD PARTY CLAIM.

- (b) NOTWITHSTANDING SUBSECTION (a), (c) or (f) OF THIS RULE 901, IN NO EVENT SHALL ANY AFFILIATE OF BSEF ACTING AS SEF PLATFORM TECHNOLOGY SERVICES PROVIDER BE LIABLE TO ANY PERSON NOR SHALL ANY PERSON BRING ANY LEGAL ACTION (WHETHER IN TORT, NEGLIGENCE, OR BREACH OF CONTRACT) FOR ANY LOSSES, DAMAGES, COSTS OR EXPENSES INCLUDING LOSS OF PROFITS, LOSS OF USE, DIRECT, SPECIAL, PUNITIVE, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THE SEF OPERATED BY BSEF OR SEF PLATFORM.
- (c) WITHOUT LIMITING BSEF'S INDEMNIFICATION OBLIGATION UNDER RULE 902, THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OR REPRESENTATIONS (INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR USE) PROVIDED BY ANY DISCLAIMING PARTY RELATING TO ANY SYSTEMS OR SERVICES OF ANY DISCLAIMING PARTY OR SERVICES, EQUIPMENT OR FACILITIES USED TO SUPPORT SUCH SYSTEMS OR SERVICES.
- (d) ANY DISPUTE ARISING OUT OF THE USE OF SYSTEMS OR SERVICES OF ANY DISCLAIMING PARTY OR SERVICES, EQUIPMENT, OR FACILITIES USED TO SUPPORT SUCH SYSTEMS OR SERVICES IN WHICH THE DISCLAIMING PARTY OR DISCLAIMING PARTIES IS A PARTY SHALL BE SUBJECT TO ARBITRATION AS PROVIDED IN RULE 810(c) AS IF THE DISCLAIMING PARTY WERE BSEF AND THE OPPOSITE PARTY OR PARTIES WERE A PARTICIPANT. ANY ACTIONS, SUITS OR PROCEEDINGS BROUGHT AGAINST ANY DISCLAIMING PARTY MUST BE BROUGHT WITHIN ONE YEAR FROM THE TIME THAT A CAUSE OF ACTION HAS ACCRUED. THIS PARAGRAPH (d) SHALL IN NO WAY BE CONSTRUED TO LIMIT A PARTY'S OBLIGATION TO ARBITRATE ITS CLAIM OR TO CREATE A CAUSE OF ACTION (OR MODIFY THE LIMITATION ON ACTIONS PROVIDED IN RULE 901(a)) AND SHALL NOT AUTHORIZE AN ACTION THAT WOULD OTHERWISE BE PROHIBITED BY THE BSEF RULES. IF FOR ANY REASON, A COURT OF COMPETENT JURISDICTION FINDS THAT A DISPUTE IS NOT ARBITRABLE, SUCH DISPUTE SHALL BE SUBJECT TO THE JURISDICTION OF EACH OF THE FEDERAL AND STATE COURTS LOCATED IN NEW YORK COUNTY, NEW YORK IN CONNECTION WITH ANY MATTERS ARISING OUT OF THIS RULEBOOK AND NO PARTY TO SUCH DISPUTE MAY ASSERT A DEFENSE OF FORUM NON CONVENIENS, SOVEREIGN IMMUNITY, ACT OF STATE OR ANALOGOUS DOCTRINES IN CONNECTION WITH ANY ACTION.

(e) TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE TOTAL COMBINED AGGREGATE LIABILITY OF BSEF SHALL NOT EXCEED (i) \$20,000 FOR ALL LOSSES AND CLAIMS FROM ALL CAUSES SUFFERED ON A SINGLE DAY, (ii) \$100,000 FOR ALL LOSSES AND CLAIMS FROM ALL CAUSES SUFFERED IN A SINGLE CALENDAR MONTH; AND (iii) \$1,000,000 FOR ALL LOSSES AND CLAIMS FROM ALL CAUSES SUFFERED IN A SINGLE CALENDAR YEAR. ANY DISPUTED CLAIM PURSUANT TO THIS PARAGRAPH (e) SHALL BE SUBJECT TO ARBITRATION TO THE EXTENT PROVIDED IN RULE 810(c).

IN NO EVENT SHALL TOTAL COMBINED AGGREGATE LIABILITY OF BSEF FOR ALL CLAIMS AND CLAIMS AGAINST DISCLAIMING PARTIES ARISING OUT OF ANY FAILURES, MALFUNCTIONS, FAULTS IN DELIVERY, DELAYS, OMISSIONS, SUSPENSIONS, INACCURACIES, INTERRUPTIONS, TERMINATIONS, OR ANY OTHER CAUSES, IN CONNECTION WITH THE FURNISHING, PERFORMANCE, OPERATION, MAINTENANCE, USE OF OR INABILITY TO USE ALL OR ANY PART OF ANY OF THE SEF OPERATED BY BSEF OR SEF PLATFORM, OR SERVICES, EQUIPMENT OR FACILITIES USED TO SUPPORT BSEF, THE SEF OPERATED BY BSEF OR SEF PLATFORM, OR THE NEGLIGENCE OR GROSS NEGLIGENCE OF BSEF EMPLOYEES, AGENTS OR SUBAGENTS EXCEED \$1,000,000 IN ANY GIVEN CALENDAR YEAR.

IF THE NUMBER OF ALLOWED CLAIMS ARISING OUT OF ANY FAILURES OR MALFUNCTIONS ON A SINGLE DAY, SINGLE MONTH OR SINGLE YEAR CANNOT BE FULLY SATISFIED BECAUSE OF THE ABOVE DOLLAR LIMITATIONS, ALL SUCH CLAIMS SHALL BE LIMITED TO A PRO RATA SHARE OF THE MAXIMUM AMOUNT FOR THE RESPECTIVE PERIOD.

(f) THE LIMITATIONS OF LIABILITY IN THIS RULE 901 SHALL NOT APPLY TO BSEF'S INDEMNIFICATION OBLIGATION UNDER RULE 902 AND SHALL NOT PROTECT ANY PARTY FOR WHICH THERE HAS BEEN A FINAL DETERMINATION (INCLUDING EXHAUSTION OF ANY APPEALS) BY A COURT OR ARBITRATOR TO HAVE ENGAGED IN FRAUD OR WILLFUL MISCONDUCT. ADDITIONALLY, THE FOREGOING LIMITATIONS ON LIABILITY OF THIS RULE SHALL BE SUBJECT TO THE CEA AND THE REGULATIONS PROMULGATED THEREUNDER, EACH AS IN EFFECT FROM TIME TO TIME.

RULE 902. Indemnification by BSEF

BSEF, at its expense, shall indemnify, hold harmless and defend Participant against any loss, claim, demand or expense (including reasonable attorneys' fees) ("Claim") that the SEF Platform or any portion thereof infringes, misappropriates or violates any intellectual property or proprietary rights of any third party; provided, however, that BSEF shall not be required to indemnify Participant for any Claim to the extent it arises from or in connection with any (a) additions, changes or modifications by Participant to the SEF Platform, which changes were not provided by BSEF or any of its affiliates, (b) use of the SEF Platform in combination with other products or services not provided by BSEF or its affiliates, or (c) use of the SEF Platform other than as expressly permitted by the Rules or the Participant Documentation. BSEF shall control such defense and all negotiations relative to the settlement of any such Claim. Participant shall

promptly provide BSEF with written notice of any claim which falls within the scope of this paragraph (provided that failure to provide such notice shall not relieve BSEF of its indemnity obligations hereunder except to the extent it is prejudiced thereby).

CHAPTER 10. [RESERVED]

CHAPTER 11. [RESERVED]

CHAPTER 12.CREDIT CONTRACTS TERMS AND CONDITIONS

RULE 1201. CDS Index Contract – North America High Yield 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index	CDX.NA.HY: Series 11 to current
Illucx	
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy, Failure to Pay and Restructuring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and	00:01 -24:00 Sunday-Friday; Eastern Time
Venue Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set form in Appendix F to Part 43, of the CFTC Regulations As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1202. CDS Index Contract – North America High Yield 5Y (ICE)

Contract	An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Overview	An agreement to day of sen protection on a basket of inquite North America based changes with a linght yield cream rating.
Index	CDX.NA.HY: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy, Failure to Pay and Restructuring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1203. CDS Index Contract – North America Investment Grade 3Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 15 to current
Currency	USD
Quoting	
Convention	As agreed by counterparties
and Minimum	
Increment	
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit
Conventions	events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
	the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	3Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the
	swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
	Outrights
	Roll Trades
0.40	Curve Trades Outline Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is
	present valued and paid immediately to the seller.
Trading Hours and	00:01 -24:00 Sunday-Friday; Eastern Tim
Venue	
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1204. CDS Index Contract – North America Investment Grade 3Y (ICE)

Contract	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Overview	
Index	CDX.NA.IG: Series 15 to current
Currency	USD
Quoting Convention and Minimum	As agreed by counterparties
Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	3Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1205. CDS Index Contract – North America Investment Grade 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting	As agreed by counterparties
Convention	
and	
Minimum	
Increment	
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit
Conventions	events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
	the credit risk of the instrument.
a a .	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and	00:01 -24:00 Sunday-Friday; Eastern Time
Venue	
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1206. CDS Index Contract – North America Investment Grade 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 11 to current
index	CDA.NA.IG. Series 11 to current
Currency	USD
Quoting Convention and Minimum	As agreed by counterparties
Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1207. CDS Index Contract – North America Investment Grade 7Y (CME)

	T
Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	7Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1208. CDS Index Contract – North America Investment Grade 7Y (ICE)

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Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	7Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1209. CDS Index Contract – North America Investment Grade 10Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and Minimum	As agreed by counterparties
Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1210. CDS Index Contract – North America Investment Grade 10Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: Series 8 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is
	present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1211. CDS Index Contract – CDX Emerging Markets – Latin America 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket comprised of a number of sovereign issuers, domiciled in Latin America
Index	CDX Emerging Markets
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	The CDX EM Latin America is traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Block Size Speculative Limits	As set forth in Appendix F to Part 43. of the CFTC Regulations As set in Part 151 of the CFTC Regulations As set in the CFTC Regulation 15.03

RULE 1212. CDS Index Contract – CDX Emerging Markets – Latin America 5Y (ICE)

	An agreement to buy or sell protection on a basket comprised of a number of sovereign issuers, domiciled in Latin America CDX Emerging Markets
Index C	CDX Emerging Markets
Currency U	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size A	As agreed by counterparties
Conventions Se	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
•	The CDX EM Latin America is traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor 5Y	Y
	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the wap.
Maturity Date Tl	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types TI	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Di Fi Uj	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and OO Venue	0:01 -24:00 Sunday-Friday; Eastern Tim
	CE
Block Size A	As set forth in Appendix F to Part 43. of the CFTC Regulations
	As set in Part 151 of the CFTC Regulations As set in the CFTC Regulation 15.03

RULE 1213. CDS Index Contract – European Investment Grade 10Y (CME)

	-
Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 7 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1214. CDS Index Contract – European Investment Grade 10Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 7 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	10Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits Reportable	As set in Part 151 of the CFTC Regulations As set in the CFTC Regulation 15.03
Speculative Limits	As set in Part 151 of the CFTC Regulations

RULE 1215. CDS Index Contract – European Investment Grade 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting	
Convention	As agreed by counterparties
and	
Minimum	
Increment	
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Trading Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread
	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1216. CDS Index Contract – European Investment Grade 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting	
Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread
	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1217. CDS Index Contract – European Crossover **5Y (CME)**

Contract Overview	The European Crossover index comprises 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Index	ITRAXX.EUROPE CROSSOVER: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Trading Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread
	Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and	00:01 -24:00 Sunday-Friday; Eastern Tim
Venue Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03
reportable Levels	1.0 sec in the C. 1.0 Regulation 15.05

RULE 1218. CDS Index Contract – European Crossover **5Y (ICE)**

Contract Overview	The European Crossover index comprises 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Index	ITRAXX.EUROPE CROSSOVER: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Trading Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours	00:01 -24:00 Sunday-Friday; Eastern Tim
and Venue Clearing	ICE Clear U.S.; ICE Clear Europe
Venue Venue	TOE CICAL U.S., TOE CICAL EUROPE
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative	As set in Part 151 of the CFTC Regulations
Limits Reportable Levels	As set in the CFTC Regulation 15.03
TEACIS	

RULE 1219. CDS Index Contract – European HiVol 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket comprised of 30 equally weighted credit default swaps on the widest spread non-financial European corporate entities.
Index	ITRAXX.EUROPE HIVOL: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Trading Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1220. CDS Index Contract – European HiVol 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket comprised of 30 equally weighted credit default swaps on the widest spread non-financial European corporate entities.
Index	ITRAXX.EUROPE HIVOL: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring.
Trading Conventions	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread
	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and	present valued and paid immediately to the seller. 00:01 -24:00 Sunday-Friday; Eastern Tim
Venue Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1221. CDS Index Contract – iTraxx Europe Senior Financial 5Y

Contract Overview	An agreement to buy or sell protection on a basket of 25 equally weighted credit default swaps on investment grade European entities.
Index	ITRAXX EUROPE SENIOR FINANCIAL
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Senior Financial indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	n/a
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1222. CDS Index Contract – iTraxx SovX Western Europe 5Y

Contract Overview	An agreement to buy or sell protection on an index comprised of 14 names from the Eurozone region plus Denmark, Norway, Sweden and United Kingdom that trade on Western European documentation.
Index	ITRAXX SovX Western Europe
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. SovX Western Europe indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	n/a
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1223. CDS Index Contract – iTraxx Europe Subordinated Financial 5Y

Contract Overview	An agreement to buy or sell protection on a basket of 25 equally weighted credit default swaps on investment grade European entities.
Index	ITRAXX EUROPE SUBORDINATED FINANCIAL
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Subordinated Financial indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	n/a
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1224. CDS Index Contract – iTraxx Japan 5Y

Contract Overview	An agreement to buy or sell protection on a basket comprised of 50 equally-weighted investment grade Japanese entities.
Index	ITRAXX.JAPAN
Currency	JPY
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	The ITraxx Japan index is traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	n/a
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1225. CDS Index Contract – iTraxx Australia 5Y

An agreement to buy or sell protection on a basket comprised of 25 equally-weighted investment grade Australian entities.
ITRAXX.AUSTRALIA
USD
As agreed by counterparties
As agreed by counterparties
Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
The ITraxx Australia index is traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
5Y
The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
The final date on which the obligations no longer accrue and the final payment occurs.
The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and payed by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
00:01 -24:00 Sunday-Friday; Eastern Tim
As set forth in Appendix F to Part 43. of the CFTC Regulations As set in Part 151 of the CFTC Regulations
As set in the CFTC Regulation 15.03

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit
	rating.
Index	CDX.NA.IG: current series
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns
Trading Conventions	the credit risk of the instrument.
Swap Conventions	Investment Grade indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1226. CDS Index Contracts – North America Investment Grade 5Y (CME) MAT

RULE 1227. CDS Index Contract – North America Investment Grade 5Y (ICE) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index	CDX.NA.IG: current series
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
1	Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is
Settlement	present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1228. CDS Index Contract – North America High Yield 5Y (CME) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index	CDX.NA.HY: prior, current series
Currency	USD
Quoting	As agreed by counterparties
Convention and Minimum	
Increment	
Minimum Size	As agreed by counterparties
Trading	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit
Conventions	events include Bankruptcy, Failure to Pay and Restructuring.
	Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	High Yield indices are traded on price
	Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
• •	Outrights
	Roll trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
	Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
	Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1229. CDS Index Contract – North America High Yield 5Y (ICE) MAT

Currency
Quoting Convention and Minimum Increment
Convention and Minimum Increment
Minimum Increment As agreed by counterparties Trading Conventions Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy, Failure to Pay and Restructuring. Swap Conventions Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Swap Conventions High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF:
Increment Minimum Size
Minimum Size
Trading Conventions Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy, Failure to Pay and Restructuring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. Swap Tenor 5Y The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
conventions events include Bankruptcy, Failure to Pay and Restructuring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
conventions events include Bankruptcy, Failure to Pay and Restructuring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
the credit risk of the instrument. High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
the credit risk of the instrument. High Yield indices are traded on price Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. Swap Tenor 5Y Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Swap Conventions High Yield indices are traded on price
Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis. Swap Tenor 5Y The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Swap Tenor 5Y The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date Trade Types The final date on which the obligations no longer accrue and the final payment occurs. The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Swap Tenor 5Y The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date Trade Types The final date on which the obligations no longer accrue and the final payment occurs. The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date Trade Types The final date on which the obligations no longer accrue and the final payment occurs. The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date Trade Types The final date on which the obligations no longer accrue and the final payment occurs. The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Effective Date The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement, (ie the Big Bang Protocol).
swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Trade Types The final date on which the obligations no longer accrue and the final payment occurs. Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Trade Types The following swap types may be executed on the Bloomberg SEF: Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Outrights Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
• Roll trades Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Settlement Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol).
Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller.
Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and 00:01 -24:00 Sunday-Friday; Eastern Tim
Venue Vo.01 -24.00 Sunday-Friday, Eastern Fini
Clearing Venue ICE
Block Size As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits As set in Part 151 of the CFTC Regulations
Reportable Levels As set in the CFTC Regulation 15.03

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Ticker	ITRX EUR CDSI [series] 5Y
Index	ITRAXX.EUROPE: prior, current series
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and	00:01 - 24:00 Sunday-Friday; Eastern Time
Venue	CME
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1230. CDS Index Contract – European Investment Grade 5Y (CME) MAT

RULE 1231. CDS Index Contract – European Investment Grade 5Y (ICE) MAT

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Ticker	ITRX EUR CDSI [series] 5Y
Index	ITRAXX.EUROPE: prior, current series
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Time
Clearing Venue	ICE
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1232. MAT ITRX XOVER CDSI 5Y (CME)

Contract Overview	The European Crossover index comprises 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Ticker	ITRX XOVER CDSI [series] 5Y
Index	ITRAXX.EUROPE CROSSOVER: prior, current series
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument
Swap Conventions	European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Tim
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1233. MAT ITRX XOVER CDSI 5Y (ICE)

Contract Overview	The European Crossover index comprises 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Ticker	ITRX XOVER CDSI [series] 5Y
Index	ITRAXX.EUROPE CROSSOVER: prior, current series
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European crossover indices are traded on spread Fixed coupon payments are calculated at a spread of 500 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Trade Types	The following swap types may be executed on the Bloomberg SEF: Outrights Roll Trades Curve Trades
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Tim
Clearing Venue	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1234. MAT CDX IG CDSI 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Ticker	CDX IG CDSI [series] 5Y
Index	CDX.NA.IG: prior, current series
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions Swap Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Investment Grade indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

Contract Overview	An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Ticker	CDX IG CDSI [series] 5Y
Index	CDX.NA.IG: prior, current series
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include Bankruptcy and Failure to Pay. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument. Investment Grade indices are traded on spread
Swap Conventions	Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue	ICE
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in the CFTC Regulation 15.03

RULE 1235. MAT CDX IG CDSI 5Y (ICE)

RULE 1236. MAT ITRX EUR CDSI 5Y (CME)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Ticker	ITRX EUR CDSI [series] 5Y
Index	ITRAXX.EUROPE: prior, current series
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations

RULE 1237. MAT ITRX EUR CDSI 5Y (ICE)

Contract Overview	An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Ticker	ITRX EUR CDSI [series] 5Y
Index	ITRAXX.EUROPE: prior, current series
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Buy Protection, the buyer of protection pays a premium to the seller in case of a credit event occurring. Sell = Sell Protection, the seller of protection receives the premium payments from the protection buyer. The Seller owns the credit risk of the instrument.
Swap Conventions	European IG indices are traded on spread Fixed coupon payments are calculated at a spread of 100 bps and exchanged on a quarterly basis.
Swap Tenor	5Y
Effective Date	The date on which parties begin calculating accrued obligations such as fixed payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Settlement	Contingent payment - Payments related to credit event settlement will be determined pursuant to the 2009 ISDA Credit Derivatives Determination Committees and Auction Settlement Supplement, (ie, the Big Bang Protocol). Fixed Quarterly cash payments - reflected in basis points and paid by the protection buyer to the protection seller. Upfront fee payment - The upfront fee is a portion of the payments, expressed in percentage points of the notional, which is present valued and paid immediately to the seller.
Trading Hours and Venue	00:01 - 24:00 Sunday-Friday; Eastern Time
Clearing Venue	ICE
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations

RULE 1238. Option – CDS Index Contract North America High Yield 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX HY CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America High Yield 5Y [CME]. An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index of Underlying Swap	CDX.NA.HY: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1239. Option – CDS Index Contract North America High Yield 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX HY CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America High Yield 5Y [ICE]. An agreement to buy or sell protection on a basket of liquid North America based entities with a high yield credit rating.
Index of Underlying Swap	CDX.NA.HY: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1240. Option – CDS Index Contract North America Investment Grade 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 5Y (CME). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1241. Option – CDS Index Contract North America Investment Grade 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 5Y (ICE). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1242. Option – CDS Index Contract – CDX Emerging Markets – Latin America 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX EM CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – CDX Emerging Markets – Latin America 5Y (CME). An agreement to buy or sell protection on a basket of a number of sovereign issuers, domiciled in Latin America.
Index of Underlying Swap	CDX Emerging Markets
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1243. Option – CDS Index Contract – CDX Emerging Markets – Latin America 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX EM CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 5Y (ICE). An agreement to buy or sell protection on a basket of a number of sovereign issuers, domiciled in Latin America.
Index of Underlying Swap	CDX Emerging Markets
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1244. Option – CDS Index Contract – European Investment Grade 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX EUR CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Investment Grade 5Y (CME). An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index of Underlying Swap	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1245. Option – CDS Index Contract – European Investment Grade 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX EUR CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Investment Grade 5Y (ICE). An agreement to buy or sell protection on a basket of liquid European based entities with an investment grade credit rating.
Index of Underlying Swap	ITRAXX.EUROPE: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1246. Option – CDS Index Contract – European Crossover 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX XOVER CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Crossover 5Y (CME). An index comprising 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE CROSSOVER: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1247. Option – CDS Index Contract – European Crossover 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for
Contract Overview	trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	ITRX XOVER CDSI 5 [Series] [Expiry] [Direction] [Strike]
Ticker	TRA AOVER CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European Crossover 5Y (ICE). An index comprising 50 equally weighted credit default swaps on the most liquid sub-investment grade European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE CROSSOVER: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay. Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap
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RULE 1248. Option – CDS Index Contract – European HiVol 5Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	HIVOL CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European HiVol 5Y (CME). An agreement to buy or sell protection on a basket comprised of 30 equally weighted credit default swaps on the widest spread non-financial European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE HIVOL: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1249. Option – CDS Index Contract – European HiVol 5Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	HIVOL CDSI 5 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – European HiVol 5Y (ICE). An agreement to buy or sell protection on a basket comprised of 30 equally weighted credit default swaps on the widest spread non-financial European corporate entities.
Index of Underlying Swap	ITRAXX.EUROPE HIVOL: Series 10 to current
Currency	EUR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay. Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap
	whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1250. Option – CDS Index Contract – North America Investment Grade 3Y (CME)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 3 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 3Y (CME). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	CME
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

RULE 1251. Option – CDS Index Contract – North America Investment Grade 3Y (ICE)

Contract Overview	An agreement granting the owner the right, but not the obligation, to enter into a Swap listed for trading on BSEF which is exercisable only on a specific date. Upon exercise of the option, the counterparties enter into and submit the underlying swap for clearing by a derivative clearing organization set forth below (the "Clearing House").
Ticker	CDX IG CDSI 3 [Series] [Expiry] [Direction] [Strike]
Underlying Swap	CDS Index Contract – North America Investment Grade 3Y (ICE). An agreement to buy or sell protection on a basket of liquid North America based entities with an investment grade credit rating.
Index of Underlying Swap	CDX.NA.IG: Series 11 to current
Currency	USD
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
	Payer Option=right but not the obligation to buy protection by purchasing the underlying Swap whereby the buyer of protection pays a premium to the seller in case of a credit event occurring. Credit events include bankruptcy and failure to pay.
Trading Conventions	Receiver Option= right but not the obligation to Sell Protection by selling the underlying Swap whereby the seller receives the premium payments from the protection buyer. The seller owns the credit risk of the underlying swap.
Option Strike Price	Fixed coupon of the underlying swap
Option Expiry Date	As agreed by the parties
Exercise method	The owner must notify the writer of the option of its intent to exercise the option during regular business hours on the Expiry Date. The form and method of notification shall be as agreed by the counterparties. Upon exercise of the option, the counterparties must submit the underlying Swap for clearing to the Clearing House.
Trading Hours and Venue	00:01 -24:00 Sunday-Friday; Eastern Time
Clearing Venue for the underlying Swap	ICE Clear U.S.; ICE Clear Europe
Block Size	As set forth in Appendix F to Part 43. of the CFTC Regulations
Speculative Limits	Same as for the underlying Swap
Reportable Levels	Same as for the underlying Swap

CHAPTER 13.RATES CONTRACTS TERMS AND CONDITIONS

RULE 1301. AUD BBR-BBSW Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
	notional over a term to maturity.
Currency	AUD
Currency	AUD
Floating Rate Index	3 Month AUD-BBR-BBSW
1 Journal 1 mue 1 mue 1	6 Month AUD-BBR-BBSW
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	
	Fixed Leg
	Payment: Semi-Annual, Quarterly
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendar: Sydney
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual, Quarterly
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendar: Sydney
	Fixing Calendar: Sydney
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as
Swap renor	long as 30 years.
	1-1-1g to 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
	1
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first BBSW Fixing Date is 2 Sydney business days prior to the Effective Date.
Trade Start Types	Spot:
Trade Start Types	A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
Trade Types	Outrights
Settlement Procedure	As determined by the Clearing Venue or an agreement between the counterparties
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH or Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
	6 Month EUR-EURIBOR
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	P. IV
	Fixed Leg Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg Payment/Resets : Semi-Annual, Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
C Tr	The density of the founds of the first day of the day o
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 50 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot:
	A new swap where the Effective Date is T+2 from the trade date.
	IMM:
	 A forward starting swap with an Effective Date on one of the four quarterly IMM Dates (September,
T d. T	December, March, June). The following swap types may be executed on the Bloomberg SEF:
Trade Types	Outrights Outrights
	• Curves
	Butterflies
	• IMM
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
_	LA CONTRACTOR OF THE PROPERTY
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1302. EUR Euribor Fixed-to-Floating Contract

RULE 1303. CHF LIBOR Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Currency	CHF
•	
Floating Rate Index	6 Month CHF-LIBOR-BBA
Quoting Convention and Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	
•	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Zurich
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual Day Count Conventions: ACT/360
	Holiday Calendar: Zurich
	Fixing Calendar: London
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as
_	long as 30 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
B : 1: 6 : 11	
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate.
Payment and Resets	Count Convention and Fixed interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot:
TJ. T	A new swap where the Effective Date is T+2 from the trade date. The following your force were the weapted on the Planarhous SEE:
Trade Types	The following swap types may be executed on the Bloomberg SEF:
Settlement Procedure	Outrights As determined by the Clearing Venue or an agreement between the counterparties
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Traumg muns	2.00 Sandaj Indaj Lasten Inite
Clearing Venue	CME or LCH or Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1304. GBP LIBOR Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
	notional over a term to maturity.
Currency	GBP
Currency	GBI
Floating Rate Index	6 Month GBP-LIBOR-BBA
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
	Self – Receive Fixed, Fay Float.
Swap Conventions	
Swap Conventions	Fixed Leg
	Payment: Semi-Annual
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendar: London
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendar: London
	Fixing Calendar: London
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as
	long as 50 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	D 4 MILL I MILL AC COL
E' (E' D	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first Libor Fixing Date is the Effective Date.
Trade Start Types	Spot:
	A new swap where the Effective Date is T from the trade date. A new swap where the Effective Date is T from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
	Outrights
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1305. JPY LIBOR Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
	notional over a term to maturity.
Currency	JPY
,	
Floating Rate Index	6 Month JPY-LIBOR-BBA
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float.
	Sell – Receive Fixed, Fay Float.
Swap Conventions	
	Fixed Leg
	Payment: Semi-Annual
	Day Count Conventions: ACT/365(Fixed)
	Holiday Calendars: London, Tokyo
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual
	Day Count Conventions: ACT/360
	Holiday Calendars: London, Tokyo
	Fixing Calendar: London
Swan Tanan	Business Day Conventions: Modified Following with adjustment to period end dates The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as
Swap Tenor	long as 40 years.
	long as 40 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
Tayment and Resets	Count con contra and 1 med 2 more contract
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Finat Fining Data	Payments are settled in accordance with the payment frequency of the swap. The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
First Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date. Spot:
Trade Start Types	A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
Traue Types	Outrights
	Outrights
Sattlement Decades	As determined by the Clearing Venue
Settlement Procedure	00:01 -24:00 Sunday-Friday Eastern Time
Trading Hours	00.01 -24.00 Sunday-Friday Eastern Fille
Clearing Venue	CME or LCH
_	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
G Lat I to	As act in Day 151 - 64b - CETC Day alsting
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

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Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Overview	term to maturity.
Currency	USD
Floating Rate Index	3 Month LIBOR
Contract Size	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading	Buy = Pay Fixed, Receive Float.
Conventions	Sell = Receive Fixed, Pay Float.
Swap	
Conventions	Fixed Leg
	Payment: Semi-Annual, Annual
	Day Count Conventions: 30/360, ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360,
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 50 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also
Enceuve Date	known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count
Settlement:	Convention and Fixed Interest Rate.
Payment and	
Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Libor Fixing	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Date	
Trade Start	Spot:
Types	A new swap where the Effective Date is T+2 from the trade date.
	IMM:
	A forward starting swap with an effective date on one of the four quarterly IMM Dates (September, December,
	March, June).
Trade Types	The following swap types may be executed on the Bloomberg SEF:
	Outrights
	Swap Spreads
	Switches
	Butterflies
	• IMM
Settlement	As determined by the Clearing Venue
Procedure	00:01 -24:00 Sunday-Friday Eastern Time
Trading Hours	
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1306. Interest Rate LIBOR USD Fixed-to-Floating Swap Contract

RULE 1307. OIS Eonia Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Currency	EUR
Floating Rate Index	EUR-EONIA-OIS-Compound
Quoting Convention Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg Payment: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: 1T, Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as long as 50 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first EONIA Fixing Date is the trade date.
Trade Start Types	Spot:
Trade Types	 A new swap where the Effective Date is T+2 from the trade date. The following swap types may be executed on the Bloomberg SEF: Outrights
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1308. OIS Fed Funds Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional
	over a term to maturity.
Currency	USD
Floating Rate Index	USD-FED-FUND H.15 OIS Compound
Quoting Convention	As agreed by counterparties
Minimum Increment	
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	
	Fixed Leg
	Payment: 1T, Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: New York
	Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg
	Payment/Resets : 1T, Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: New York
	Fixing Calendar: New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 1 week to as long
	as 2 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Data	The final date on which the obligations no longer accrue and the final payment occurs.
Maturity Date	The final date on which the congations no longer accide and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Electing Log. The payment amount of the Electing Log is based on the following: National Dayment Evacuators
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	2 mg Count Cont. onton, I found interest rate mach and I found record Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first Fed Funds Fixing Date is 2 New York business days prior to the Effective Date.
Trade Start Types	Spot:
T. 1 T.	 A new swap where the Effective Date is T+2 from the trade date. The following swap types may be executed on the Bloomberg SEF:
Trade Types	Outrights
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1309. USD LIBOR Basis Swap Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying two floating interest rates to a specified notional over a term to maturity.
Currency	USD
Floating Rate Index	1 Month USD-LIBOR-BBA 3 Month USD-LIBOR-BBA 6 Month USD-LIBOR-BBA
Quoting Convention Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Spread Sell = Receive Spread
Swap Conventions	Floating Leg 1 Payment/Resets: Monthly, Quarterly Day Count Conventions: ACT/360 Compounding Method: Flat Holiday Calendars: London, New York Fixing Calendar: London Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg 2 Payment/Resets: Quarterly, Semi-Annual Day Count Conventions: ACT/360 Holiday Calendars: London, New York Fixing Calendar: London Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as long as 30 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Payment and Resets	Floating Leg 1: The payment amount of the Floating Leg 1 is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index, and Floating Reset Dates. Floating Leg 2: The payment amount of the Floating Leg 2 is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: • A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF: • 1s3s Basis • 3s6s Basis
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME or LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1310. SEK Stibor Fixed-to-Floating Contract

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Over view	notional over a term to maturity.
	notional over a term to maturity.
Currency	SEK
Currency	SEK SEK
Floating Rate Index	3 Month SEK-STIBOR-SIDE
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
	Self – Receive Fixed, Fay Float.
Swap Conventions	
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendars: Stockholm
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: Stockholm
	Fixing Calendar: Stockholm
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	The duration of time from the effective date to the maturity date. A contract can have a Tenor from 28 days to as
	long as 15 years.
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with the payment frequency of the swap.
First Fixing Date	The first STIBOR Fixing Date is 2 Stockholm business days prior to the Effective Date.
Trade Start Types	Spot:
	A new swap where the Effective Date is T+2 from the trade date.
Trade Types	The following swap types may be executed on the Bloomberg SEF:
	Outrights
Settlement Procedure	As determined by the Clearing Venue or an agreement between the counterparties
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
0	
Clearing Venue	CME or LCH or Bilateral
8	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	Tr
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	10 oct in C1 10 regulation 15.05

RULE 1311. Interest Rate LIBOR USD Fixed-to-Floating Swap Contract (CME) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg Payment: Semi-Annual, Annual Day Count Conventions: Semi-Annual Payment: 30/360 Annual Payment: ACT/360 Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360, Holiday Calendars: London, New York Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Enecuve Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
Tay mone and resous	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the time of execution
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1312. Interest Rate LIBOR USD Fixed-to-Floating Swap Contract (LCH) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Currency	USD USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	1.5 agreed by counterparties
Contract Size	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
<u> </u>	Payment: Semi-Annual, Annual
	Day Count Conventions:
	Semi-Annual Payment: 30/360
	Annual Payment: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the time
	of execution
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1313. EUR Euribor Fixed-to-Floating Contract (CME) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
9	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size	Fixed; notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual, Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
E. 1E D.	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the time of execution
C til t D I	
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1314. EUR Euribor Fixed-to-Floating Contract (LCH) MAT

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Floating Rate index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size	Fixed; notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Semi-Annual, Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
~ ~	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Trade Types	Par: This means the fixed rate is quoted at the market rate, so that the present value of the swap is zero at the time
	of execution
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1315. MAT IRS USD Swap vs 3M (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	USD Swap vs 3M [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Traumg conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
<u>F</u>	Payment: Semi-Annual, Annual
	Day Count Conventions:
	Semi-Annual Payment: 30/360
	Annual Payment: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First I ihor Fiving Data	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
First Libor Fixing Date Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	As set in C11C regulation 13.03

RULE 1316. MAT IRS USD Swap vs 3M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	USD Swap vs 3M [tenor]
	USD Swap vs 3M [tenor]
Currency	
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual, Annual
	Day Count Conventions:
	Semi-Annual Payment: 30/360
	Annual Payment: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
rayment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Floating interest Rate index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1317. MAT IRS EUR Swap vs 3M (CME)

	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR Swap vs 3M [tenor]
	EUR
	3 Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
_	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
1	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1318. MAT IRS EUR Swap vs 3M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR Swap vs 3M [tenor]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (Et : D)	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par Andrews Hard Clark W
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract over view	notional over a term to maturity.
Ticker	EUR Swap vs 6M [tenor]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1319. (CME)

MAT IRS EUR Swap vs 6M

RULE 1320. MAT IRS EUR Swap vs 6M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR Swap vs 6M [tenor]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Ouoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
S	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: 30/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Ti i Fi i D	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+2 from the trade date.
Fixed Rate	Par Chair Mark Chair Mark
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	7
	USD Swap vs 3M IMM [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions; ACT/360
	Holiday Calendars; London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
-	
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
Tuj mene una resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day count conton, rouning more man rouning room Dutes.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next two IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1321. MAT IRS USD Swap vs 3M IMM (CME)

RULE 1322. MAT IRS USD Swap vs 3M IMM (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	USD Swap vs 3M IMM [tenor]
Currency	USD Swap vs 5W INNV [tellor]
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
9	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 12, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Ellective Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
·	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next two IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
	Ech
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1323. MAT IRS USD Swap vs 3M MAC (CME)

Contract Overview	
	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
Ticker	USD Swap vs 3M MAC [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	To agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
9	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Semi-Annual
	Day Count Conventions: 30/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
·	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next two IMM dates)
Fixed Rate	Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1324. MAT IRS USD Swap vs 3M MAC (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract over view	notional over a term to maturity.
Ticker	USD Swap vs 3M MAC [tenor]
Currency	USD
Floating Rate Index	3 Month USD LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	The agreed of counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
9	Sell = Receive Fixed, Pay Float,
Swap Conventions	Fixed Leg
•	Payment: Semi-Annual
	Day Count Conventions: 30/360
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendars; London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	1, 2, 3, 4, 5, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
·	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next two IMM dates)
Fixed Rate	Standard Coupon: the then-current rates for Market Agreed Coupon ("MAC") contracts
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	115 Set in 1 tal 151 of the C11 c 1tegatations

RULE 1325. MAT IRS GBP Swap vs 6M (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	GBP Swap vs 6M [tenor]
Currency	GBP Swap vs own [tener]
Floating Rate Index	6 Month GBP LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
<u> </u>	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
E. T. E. D.	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+0 from the trade date.
Fixed Rate	Par Charles Charles W
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	
Reportable Levels	As set in Part 151 of the CFTC Regulations As set in CFTC Regulation 15.03

RULE 1326. MAT IRS GBP Swap vs 6M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	GBP Swap vs 6M [tenor]
Currency	GBP
Floating Rate Index	6 Month GBP LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+0 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1327. MAT IRS GBP Swap vs 3M (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	GBP Swap vs 3M [tenor]
Currency	GBP GBP
Floating Rate Index	3 Month GBP LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
o .	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Quarterly, Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (III Et E	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+0 from the trade date.
Fixed Rate	Par Control of the Co
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits Reportable Levels	As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations As set in CFTC Regulation 15.03

RULE 1328. MAT IRS GBP Swap vs 3M (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	GBP Swap vs 3M [tenor]
Currency	GBP
Floating Rate Index	3 Month GBP LIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	GBP 1000
Trading Conventions	Buy = Pay Fixed, Receive Float.
-	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Quarterly, Semi-Annual
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/365F
	Holiday Calendars: London, New York
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2, 3, 4, 5, 6, 7, 10, 15, 20 and 30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Libor Fixing Date	The first LIBOR Fixing Date is 2 London business days prior to the Effective Date.
Trade Start Types	Spot: a new swap where the Effective Date is T+0 from the trade date.
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	i b i b i di amma b i i
	As set in Part 151 of the CFTC Regulations

RULE 1329. MAT IRS EUR Swap vs 3M IMM 1 Year (CME)

Contract Overview	An annual transfer of the Country of
Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Tr. 1	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	1 year
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	<u>Floating Leg</u> : The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Speculative Ellines	As set in CFTC Regulation 15.03

RULE 1330. MAT IRS EUR Swap vs 3M IMM 1 Year (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
	EUR [Fixed Pay] 5M [IMM statuend month]
Currency	3 Month EUR-EURIBOR
Floating Rate Index	
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
-	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	1 year
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
C 1 (T 1)	
Speculative Limits	As set in Part 151 of the CFTC Regulations As set in CFTC Regulation 15.03

RULE 1331. MAT IRS EUR Swap vs 3M IMM 2 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [FIXCULAY] 5141 [INTIVI STATE CHILD HIGHTI]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
THE STATE OF THE S	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par Chair Had Chair M
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1332. MAT IRS EUR Swap vs 3M IMM 2 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [Fixed Fay] 5W [INWI Stational Month]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
P	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
1 ayment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Flouring interest rate index and Flouring reset Bates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Devels	110 000 III 01 10 Regulation 15.05

RULE 1333. MAT IRS EUR Swap vs 3M IMM 3 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
	EUR [INCUT ay] 5M [INVINI Statutche month]
	3 Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions; ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	3 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
	As set in CFTC Regulation 15.03

RULE 1334. MAT IRS EUR Swap vs 3M IMM 3 Years (LCH)

no Ticker E	n agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified otional over a term to maturity. UR [Fixed Pay] 3M [IMM start/end month]
Ticker E	
Currency	UR
	Month EUR-EURIBOR
	s agreed by counterparties
Minimum Increment	s agreed by counterparties
	xed notional; as agreed by counterparties
	s agreed by counterparties
	uy = Pay Fixed, Receive Float.
	ell = Receive Fixed, Pay Float.
	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions; Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 3	vears
	he date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	lso known as the start date of the swap.
	the final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Fi	xed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	ount Convention and Fixed Interest Rate.
FI	oating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	ay Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Pa	syments are settled in accordance with payment frequency of the swap.
First Fixing Date TI	he first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types In	ternational Money Market ("IMM") (next four IMM dates)
Fixed Rate Pa	-
	s determined by the Clearing Venue
Trading Hours 00	0:01 - 24:00 Sunday-Friday Eastern Time
	CH
Block Size A	s set forth in Appendix F to Part 43 of the CFTC Regulations.
	s set in Part 151 of the CFTC Regulations
Reportable Levels A	s set in CFTC Regulation 15.03

RULE 1335. MAT IRS EUR Swap vs 3M IMM 4 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	4 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	D 4 MILL I M 46 CH
First Firing Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates) Par
Settlement Procedure	"
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	\$1.00 m
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1336. MAT IRS EUR Swap vs 3M IMM 4 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
	EUR [Fixed Pay] 5M [IMM statuend month]
Currency	3 Month EUR-EURIBOR
Floating Rate Index	
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	
Minimum Size	Fixed notional; as agreed by counterparties
	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g G ::	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	4 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Speculative Enines	As set in CFTC Regulation 15.03

RULE 1337. MAT IRS EUR Swap vs 3M IMM 5 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	5 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Demonstrate and state of the second s
First Firing Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates)
Trade Start Types Fixed Rate	Par
Settlement Procedure	
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1338. MAT IRS EUR Swap vs 3M IMM 5 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
C	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
_	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets: Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	5 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
•	

RULE 1339. MAT IRS EUR Swap vs 3M IMM 6 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
	EUR [Fixed Pay] 3M [IMM start/end month]
	EUR EUR
	3 Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	As agreed by Counterparties
	Fixed notional; as agreed by counterparties
	As agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
F	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	6 years
	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
3.1	International Money Market ("IMM") (next four IMM dates)
	Par
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1340. MAT IRS EUR Swap vs 3M IMM 6 Years (LCH)

no Ticker E	n agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified otional over a term to maturity. UR [Fixed Pay] 3M [IMM start/end month]
Ticker E	
Currency	UR
Floating Rate Index 3	Month EUR-EURIBOR
	s agreed by counterparties
Minimum Increment	s agreed by counterparties
	ixed notional; as agreed by counterparties
	s agreed by counterparties
	uy = Pay Fixed, Receive Float.
	ell = Receive Fixed, Pay Float.
	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions; Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 6	vears
	he date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	lso known as the start date of the swap.
Maturity Date T	he final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Fi	ixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	ount Convention and Fixed Interest Rate.
F	loating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	ay Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Pa	ayments are settled in accordance with payment frequency of the swap.
8	he first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types In	nternational Money Market ("IMM") (next four IMM dates)
	ar
	s determined by the Clearing Venue
Trading Hours 00	0:01 - 24:00 Sunday-Friday Eastern Time
	СН
Block Size A	s set forth in Appendix F to Part 43 of the CFTC Regulations.
	s set in Part 151 of the CFTC Regulations
Reportable Levels A	s set in CFTC Regulation 15.03

RULE 1341. MAT IRS EUR Swap vs 3M IMM 7 Years (CME)

	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
	EUR [Fixed Pay] 3M [IMM start/end month]
	EUR EUR
	3 Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	As agreed by Counterparties
	Fixed notional; as agreed by counterparties
	As agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	7 years
	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
	CME
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1342. MAT IRS EUR Swap vs 3M IMM 7 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [Fixed Fay] 5341 [INVINI Statistical month]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Traumg conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
2 P 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	7 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1343. MAT IRS EUR Swap vs 3M IMM 8 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [FIXCULAY] 5141 [INTIVI STATE CHILD HIGHTI]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	8 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par Land Clark W
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1344. MAT IRS EUR Swap vs 3M IMM 8 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
	EUR [Fixed Pay] 5M [IMM statuend month]
Currency	3 Month EUR-EURIBOR
Floating Rate Index	
Quoting Convention and Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
S	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
~	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	8 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
TI (TI I T	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1345. MAT IRS EUR Swap vs 3M IMM 9 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	Tis agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
S	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (Et t D (Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates) Par
Settlement Procedure	
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1346. MAT IRS EUR Swap vs 3M IMM 9 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [Fixed Fay] 5W [INWI Stational Month]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg convencions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions; ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
•	· · ·

RULE 1347. MAT IRS EUR Swap vs 3M IMM 10 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	The agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	10 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Decements are cettled in accordance with normant frequency of the argum
First Fixing Date	Payments are settled in accordance with payment frequency of the swap. The first Furihor Fixing Date is 2 Target business days prior to the Effective Date.
υ	- The first Europe I faing Bute is 2 Turget business days prior to the Errecute Bute.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates) Par
	"
Settlement Procedure	As determined by the Clearing Venue 00:01 - 24:00 Sunday-Friday Eastern Time
Trading Hours	CME
Clearing Venue Block Size	
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1348. MAT IRS EUR Swap vs 3M IMM 10 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR [Fixed Fay] 5W [INWI Stational Month]
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
P	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	10 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Effective Date	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
1 ayment and Resets	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Day Count Convention, Flouring interest rate index and Flouring reset Bates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable Levels	745 504 III C1 1 C 100guidion 15.05

RULE 1349. MAT IRS EUR Swap vs 3M IMM 20 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
First Firing Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates) Par
Settlement Procedure	
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	\$
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1350. MAT IRS EUR Swap vs 3M IMM 20 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
First Firing Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates) Par
Settlement Procedure	"
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1351. MAT IRS EUR Swap vs 3M IMM 30 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg convencions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions; Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
	As set in CFTC Regulation 15.03

RULE 1352. MAT IRS EUR Swap vs 3M IMM 30 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 3M [IMM start/end month]
Currency	EUR
Floating Rate Index	3 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
First Firing Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates) Par
Settlement Procedure	"
200000000000000000000000000000000000000	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1353. MAT IRS EUR Swap vs 6M IMM 2 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	5
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	2 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1354. MAT IRS EUR Swap vs 6M IMM 2 Years (LCH)

Ticker E	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified otional over a term to maturity. EUR [Fixed Pay] 6M [IMM start/end month]
Ticker E	
Currency	CUR
Floating Rate Index 6	Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	as agreed by counterparties
	ixed notional; as agreed by counterparties
	As agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	ell = Receive Fixed, Pay Float.
	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 2	vears
	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
	The final date on which the obligations no longer accrue and the final payment occurs.
v .	ixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	Count Convention and Fixed Interest Rate.
	loating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
P	ayments are settled in accordance with payment frequency of the swap.
	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Ir	nternational Money Market ("IMM") (next four IMM dates)
	'ar
Settlement Procedure A	As determined by the Clearing Venue
Trading Hours 0	0:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue L	CH
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	As set in Part 151 of the CFTC Regulations
Reportable Levels A	As set in CFTC Regulation 15.03

RULE 1355. MAT IRS EUR Swap vs 6M IMM 3 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	3 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1356. MAT IRS EUR Swap vs 6M IMM 3 Years (LCH)

Ticker EUR [Fixed Pay] 6M [IMM start/end month] Currency EUR Floating Rate Index 6 Month EUR-EURIBOR Quoting Convention and Minimum Increment Contract Size / Notional Fixed notional; as agreed by counterparties Minimum Size As agreed by counterparties Minimum Size As agreed by counterparties Buy = Pay Fixed, Receive Float. Sell = Receive Fixed, Pay Float. Swap Conventions Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates	Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Ticker EUR Fixed Pay 6M [IMM start/end month]	Contract Overview	
Currency EUR Gold Month EUR-EURIBOR As agreed by counterparties	Ticker	
Floating Rate Index G Month EUR-EURIBOR		
As agreed by counterparties		
Minimum Increment Fixed notional; as agreed by counterparties	U	
Fixed notional Fixed notional; as agreed by counterparties		As agreed by counterparties
Swap Conventions		Fixed notional; as agreed by counterparties
Sell = Receive Fixed, Pay Float.	Minimum Size	As agreed by counterparties
Fixed Leg Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Settlement Procedure Trading Hours Out-1 - 24:00 Sunday-Friday Eastern Time LCH LCH Fixed Leg Payment: Anatyles Holiday Calendar: Target Payment and payment frequency Active Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Out-1 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH	Trading Conventions	Buy = Pay Fixed, Receive Float.
Payment: Annual Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Settlement Procedure As determined by the Clearing Venue Trading Hours Clearing Venue LCH	S	Sell = Receive Fixed, Pay Float.
Day Count Conventions: ACT/360 Holiday Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Oo:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH	Swap Conventions	Fixed Leg
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Business Day Conventions: Modified Following with adjustment to period end dates Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Clearing Venue LCH		Day Count Conventions: ACT/360
Floating Leg Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Clearing Venue LCH		Holiday Calendar: Target
Payment/Resets: Quarterly Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours Ou:01 - 24:00 Sunday-Friday Eastern Time LCH		Business Day Conventions: Modified Following with adjustment to period end dates
Day Count Conventions: ACT/360 Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates Swap Tenor 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. Maturity Date The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time LCH		Floating Leg
Holiday Calendar: Target Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time LCH		Payment/Resets : Quarterly
Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time LCH		Day Count Conventions: ACT/360
Fixing Calendar: Target Business Day Conventions: Modified Following with adjustment to period end dates 3 years Effective Date The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time LCH		Holiday Calendar: Target
Swap Tenor3 yearsEffective DateThe date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.Maturity DateThe final date on which the obligations no longer accrue and the final payment occurs.Periodic Settlement: Payment and ResetsFixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap.First Fixing DateThe first Euribor Fixing Date is 2 Target business days prior to the Effective Date.Trade Start TypesInternational Money Market ("IMM") (next four IMM dates)Fixed RateParSettlement ProcedureAs determined by the Clearing VenueTrading Hours00:01 - 24:00 Sunday-Friday Eastern TimeClearing VenueLCH		
Swap Tenor3 yearsEffective DateThe date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments. Also known as the start date of the swap.Maturity DateThe final date on which the obligations no longer accrue and the final payment occurs.Periodic Settlement: Payment and ResetsFixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap.First Fixing DateThe first Euribor Fixing Date is 2 Target business days prior to the Effective Date.Trade Start TypesInternational Money Market ("IMM") (next four IMM dates)Fixed RateParSettlement ProcedureAs determined by the Clearing VenueTrading Hours00:01 - 24:00 Sunday-Friday Eastern TimeClearing VenueLCH		Business Day Conventions: Modified Following with adjustment to period end dates
Also known as the start date of the swap. The final date on which the obligations no longer accrue and the final payment occurs. Periodic Settlement: Payment and Resets Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time LCH	Swap Tenor	
Maturity DateThe final date on which the obligations no longer accrue and the final payment occurs.Periodic Settlement: Payment and ResetsFixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap.First Fixing DateThe first Euribor Fixing Date is 2 Target business days prior to the Effective Date.Trade Start TypesInternational Money Market ("IMM") (next four IMM dates)Fixed RateParSettlement ProcedureAs determined by the Clearing VenueTrading Hours00:01 - 24:00 Sunday-Friday Eastern TimeClearing VenueLCH	Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Periodic Settlement: Payment and ResetsFixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap.First Fixing DateThe first Euribor Fixing Date is 2 Target business days prior to the Effective Date.Trade Start TypesInternational Money Market ("IMM") (next four IMM dates)Fixed RateParSettlement ProcedureAs determined by the Clearing VenueTrading Hours00:01 - 24:00 Sunday-Friday Eastern TimeClearing VenueLCH		
Count Convention and Fixed Interest Rate. Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time LCH	Maturity Date	
Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency, Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours O0:01 - 24:00 Sunday-Friday Eastern Time LCH LCH		
Day Count Convention, Floating Interest Rate Index and Floating Reset Dates. Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH	Payment and Resets	
Payments are settled in accordance with payment frequency of the swap. First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH		
First Fixing Date The first Euribor Fixing Date is 2 Target business days prior to the Effective Date. Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH		
Trade Start Types International Money Market ("IMM") (next four IMM dates) Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH		
Fixed Rate Par Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH		
Settlement Procedure As determined by the Clearing Venue Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH		
Trading Hours 00:01 - 24:00 Sunday-Friday Eastern Time Clearing Venue LCH		
Clearing Venue LCH		
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations.	Clearing Venue	= * · ·
	Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits As set in Part 151 of the CFTC Regulations	Speculative Limits	
Reportable Levels As set in CFTC Regulation 15.03	Reportable Levels	As set in CFTC Regulation 15.03

RULE 1357. MAT IRS EUR Swap vs 6M IMM 4 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	4 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
First Firing Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates) Par
Settlement Procedure	"
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	\$1.00 m
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1358. MAT IRS EUR Swap vs 6M IMM 4 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR [FIXED 1 Ay] OW [INVINI STATUCING MORITI]
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	4 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
·	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1359. MAT IRS EUR Swap vs 6M IMM 5 Years (CME)

r	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified notional over a term to maturity.
TICKCI	EUR [Fixed Pay] 6M [IMM start/end month]
	EUR
	6 Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	As agreed by counterparties
	Fixed notional; as agreed by counterparties
	As agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
2 up	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 5	5 years
	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
, I	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types I	International Money Market ("IMM") (next four IMM dates)
	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
	CME
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1360. MAT IRS EUR Swap vs 6M IMM 5 Years (LCH)

Ticker EUI Currency EUI Floating Rate Index 6 M	agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified onal over a term to maturity. R [Fixed Pay] 6M [IMM start/end month]
Ticker EUI Currency EUI Floating Rate Index 6 M	R [Fixed Pay] 6M [IMM start/end month]
Currency EUI Floating Rate Index 6 M	
Floating Rate Index 6 M	
	onth EUR-EURIBOR
Quoting Convention and As a	agreed by counterparties
Minimum Increment	agreed by counterparties
	ed notional; as agreed by counterparties
	agreed by counterparties
	= Pay Fixed, Receive Float.
	= Receive Fixed, Pay Float.
	xed Leg
	yment: Annual
	ay Count Conventions: ACT/360
	oliday Calendar: Target
	usiness Day Conventions; Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 5 ye	
	date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	o known as the start date of the swap.
Maturity Date The	final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Fixe	ed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	ant Convention and Fixed Interest Rate.
Floa	ating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	-
Pay	ments are settled in accordance with payment frequency of the swap.
First Fixing Date The	first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
V 1	rnational Money Market ("IMM") (next four IMM dates)
Fixed Rate Par	
	determined by the Clearing Venue
Trading Hours 00:0	01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue LCI	
Block Size As s	set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits As s	set in Part 151 of the CFTC Regulations
Reportable Levels As s	set in CFTC Regulation 15.03

RULE 1361. MAT IRS EUR Swap vs 6M IMM 6 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR [INCUTACION [INVINISTRATOCIU MONTH]]
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
2 	Payment: Annual
	Day Count Conventions; ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	6 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
1	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
1	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1362. MAT IRS EUR Swap vs 6M IMM 6 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	6 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
First Firing Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates) Par
Settlement Procedure	
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1363. MAT IRS EUR Swap vs 6M IMM 7 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR [Fixed Fay] 600 [INVIVI State Critic Infolititi]
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truding Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
p	Payment: Annual
	Day Count Conventions; ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	7 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations

RULE 1364. MAT IRS EUR Swap vs 6M IMM 7 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract over view	notional over a term to maturity.
Ticker	EUR [Fixed Pav] 6M [IMM start/end month]
Currency	EUR EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	The agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
0	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	7 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
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RULE 1365. MAT IRS EUR Swap vs 6M IMM 8 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg convencions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
r	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions; Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	8 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
C 14: I: 4	As set in Part 151 of the CFTC Regulations
Speculative Limits	As set in CFTC Regulation 15.03

RULE 1366. MAT IRS EUR Swap vs 6M IMM 8 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	8 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	D () (I) I (I) (I) (I)
First Firing Date	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Fixed Rate	International Money Market ("IMM") (next four IMM dates)
Settlement Procedure	Par
	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1367. MAT IRS EUR Swap vs 6M IMM 9 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
	EUR [Fixed Pay] 6M [IMM start/end month]
	EUR EUR
	6 Month EUR-EURIBOR
	As agreed by counterparties
Minimum Increment	As agreed by counterparties
	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
.	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1368. MAT IRS EUR Swap vs 6M IMM 9 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Traumg conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap conventions	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	9 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
·	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	
Trading Hours	As determined by the Clearing Venue
C1	As determined by the Clearing Venue 00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	
Clearing Venue Block Size	00:01 - 24:00 Sunday-Friday Eastern Time
	00:01 - 24:00 Sunday-Friday Eastern Time LCH

RULE 1369. MAT IRS EUR Swap vs 6M IMM 10 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	10 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1370. MAT IRS EUR Swap vs 6M IMM 10 Years (LCH)

noti Ticker EUI Currency EUI Floating Rate Index 6 M Quoting Convention and Minimum Increment Contract Size / Notional Fixed	onth EUR-EURIBOR agreed by counterparties ad notional; as agreed by counterparties agreed by counterparties
Ticker EUI Currency EUI Floating Rate Index 6 M Quoting Convention and Minimum Increment Contract Size / Notional Fixe	R [Fixed Pay] 6M [IMM start/end month] R onth EUR-EURIBOR agreed by counterparties ad notional; as agreed by counterparties agreed by counterparties
Currency EUI Floating Rate Index 6 M Quoting Convention and Minimum Increment Contract Size / Notional Fixe	R conth EUR-EURIBOR agreed by counterparties agreed by counterparties agreed by counterparties
Floating Rate Index 6 M Quoting Convention and Minimum Increment Contract Size / Notional Fixe	onth EUR-EURIBOR agreed by counterparties ad notional; as agreed by counterparties agreed by counterparties
Quoting Convention and Minimum Increment Contract Size / Notional Fixe	agreed by counterparties ed notional; as agreed by counterparties agreed by counterparties
Minimum Increment Contract Size / Notional Fixe	ed notional; as agreed by counterparties agreed by counterparties
Contract Size / Notional Fixe	agreed by counterparties
	agreed by counterparties
Trading Conventions Buy	r = Pay Fixed, Receive Float.
	= Receive Fixed, Pay Float.
	xed Leg
	yment: Annual
	ay Count Conventions: ACT/360
	oliday Calendar: Target
	usiness Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	rears
	date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	b known as the start date of the swap.
	final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Fixe	ed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	int Convention and Fixed Interest Rate.
	ating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	,
Pay	ments are settled in accordance with payment frequency of the swap.
First Fixing Date The	first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types Inte	rnational Money Market ("IMM") (next four IMM dates)
Fixed Rate Par	
Settlement Procedure As of	determined by the Clearing Venue
Trading Hours 00:0	01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue LCI	I
	set forth in Appendix F to Part 43 of the CFTC Regulations.
	set in Part 151 of the CFTC Regulations
Reportable Levels As s	set in CFTC Regulation 15.03

RULE 1371. MAT IRS EUR Swap vs 6M IMM 12 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	12 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Demonstration and ladin and an exist account for a contract for a
First Fixing Date	Payments are settled in accordance with payment frequency of the swap. The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00:01 - 24:00 Sunday-Friday Eastern Time
Trading Hours	CME
Clearing Venue Block Size	\$1.00 P
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1372. MAT IRS EUR Swap vs 6M IMM 12 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Trading Conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
Swap conventions	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	12 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
Encoure Bute	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03
reportable nevers	The set in C. Le Atapamatical 10.00

RULE 1373. MAT IRS EUR Swap vs 6M IMM 15 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR [Fixed Fay] 600 [INVIVI State Critic Infolititi]
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truding conventions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
p	Payment: Annual
	Day Count Conventions; ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	15 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
•	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
0 1 1 7 1 1	
Speculative Limits	As set in Part 151 of the CFTC Regulations

RULE 1374. MAT IRS EUR Swap vs 6M IMM 15 Years (LCH)

Ticker E Currency E	an agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified otional over a term to maturity. UR [Fixed Pay] 6M [IMM start/end month] UR
Ticker E Currency E	UR [Fixed Pay] 6M [IMM start/end month]
Currency E	
	UK
rivating Nate index	Month EUR-EURIBOR
	s agreed by counterparties
Minimum Increment	is agreed by counterparties
	ixed notional; as agreed by counterparties
	as agreed by counterparties
	Buy = Pay Fixed, Receive Float.
	ell = Receive Fixed, Pay Float.
	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor 1:	5 years
	he date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	also known as the start date of the swap.
	he final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement: Fi	ixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
	ount Convention and Fixed Interest Rate.
	loating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
P	ayments are settled in accordance with payment frequency of the swap.
	he first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types In	nternational Money Market ("IMM") (next four IMM dates)
Fixed Rate Pa	ar
Settlement Procedure A	s determined by the Clearing Venue
Trading Hours 00	0:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue L	СН
	s set forth in Appendix F to Part 43 of the CFTC Regulations.
	s set in Part 151 of the CFTC Regulations
Reportable Levels A	s set in CFTC Regulation 15.03

RULE 1375. MAT IRS EUR Swap vs 6M IMM 20 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
_	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par Control of the Co
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1376. MAT IRS EUR Swap vs 6M IMM 20 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
g	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
•	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Ouarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	20 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1377. MAT IRS EUR Swap vs 6M IMM 30 Years (CME)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	As agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
Truumg convencions	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
.	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions; Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	Fixed Leg: The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	CME
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
	As set in CFTC Regulation 15.03

RULE 1378. MAT IRS EUR Swap vs 6M IMM 30 Years (LCH)

Contract Overview	An agreement to exchange a stream of cash flows by applying a fixed and floating interest rate to a specified
Contract Overview	notional over a term to maturity.
Ticker	EUR [Fixed Pay] 6M [IMM start/end month]
Currency	EUR
Floating Rate Index	6 Month EUR-EURIBOR
Quoting Convention and	As agreed by counterparties
Minimum Increment	Tis agreed by counterparties
Contract Size / Notional	Fixed notional; as agreed by counterparties
Minimum Size	As agreed by counterparties
Trading Conventions	Buy = Pay Fixed, Receive Float.
S	Sell = Receive Fixed, Pay Float.
Swap Conventions	Fixed Leg
_	Payment: Annual
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
	Floating Leg
	Payment/Resets : Quarterly
	Day Count Conventions: ACT/360
	Holiday Calendar: Target
	Fixing Calendar: Target
	Business Day Conventions: Modified Following with adjustment to period end dates
Swap Tenor	30 years
Effective Date	The date on which parties begin calculating accrued obligations such as fixed and floating interest rate payments.
	Also known as the start date of the swap.
Maturity Date	The final date on which the obligations no longer accrue and the final payment occurs.
Periodic Settlement:	<u>Fixed Leg</u> : The payment amount of the Fixed Leg is based on the following: Notional, Payment Frequency, Day
Payment and Resets	Count Convention and Fixed Interest Rate.
	Floating Leg: The payment amount of the Floating Leg is based on the following: Notional, Payment Frequency,
	Day Count Convention, Floating Interest Rate Index and Floating Reset Dates.
Et (Et t E)	Payments are settled in accordance with payment frequency of the swap.
First Fixing Date	The first Euribor Fixing Date is 2 Target business days prior to the Effective Date.
Trade Start Types	International Money Market ("IMM") (next four IMM dates)
Fixed Rate	Par Land Chair W
Settlement Procedure	As determined by the Clearing Venue
Trading Hours	00:01 - 24:00 Sunday-Friday Eastern Time
Clearing Venue	LCH
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

CHAPTER 14.FX CONTRACTS TERMS AND CONDITIONS

RULE 1401. FX Contract – Non-Deliverable Forward

Contract Overview	A non-deliverable forward (NDF) is an outright forward in which counterparties settle the difference between
	the contracted NDF price or rate and the prevailing spot price or rate on an agreed notional amount.
Reference Currency	Non-deliverable currency
	BRL Brazilian Real
	ARS Argentine Peso
	CNY Chinese Renminbi
	IDR Indonesian Rupiah
	INR Indian Rupee
	KRW South Korean Won
	MYR Malaysian Ringgit
	PHP Philippine Peso
	TWD Taiwan Dollar
	VND Vietnamese đồng
	EGP Egyptian pound
	RUB Russian ruble
	KZT Kazakh tenge
	CLP Chilean Peso
	COP Colombian Peso
	PEN Peruvian nuevo sol
	UAH Ukrainian hryvnia
	NGN Nigerian naira
	GHS Ghanaian cedi
	PKR Pakistani rupee
Settlement Currency	See currency list below
Quoting Convention and	Notional amount, as agreed by counterparties
Minimum Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which contract size is expressed in
Trading Conventions	Buy or Sell which refers to the contract size expressed in notional currency
Forward Rate	Currency Exchange rate expressed as the amount of Reference currency per unit of Settlement currency
Trade Date	The date on which parties enter into the contract
Settlement Date	Specified settlement or payment date
Fixing Date	The date at which the difference between the prevailing market exchange rate and the agreed upon exchange
	rate is calculated.
Settlement Procedure	Bilateral settlement performed in settlement currency based on the exchange rate published by sources set forth
	in Attachment B hereto.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1402. FX Contract – Vanilla FX Option

Contract Overview	A foreign-exchange option (commonly shortened to just FX option or currency option) is a derivative financial instrument that gives the owner the right but not the obligation to exchange money denominated in one currency into another currency at
	a pre-agreed exchange rate on a specified date.
Trade Date	The date on which parties enter into the contract
Option Style	American / European
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
Option Type	Put/ Call
	Call option – the right to buy an asset at a fixed date and price.
	Put option – the right to sell an asset a fixed date and price.
Call Currency	Currency for call option
Put Currency	Currency for put option
Strike Price	The exchange rate agreed upon inception of the contract at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium	Currency in which option premium is expressed in
currency	
Premium Date	Date on which premium amount is due
Quoting	Notional amount, as agreed by counterparties
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which contract size is expressed in
Currency	
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable	As set in CFTC Regulation 15.03
Levels	

RULE 1403. FX Contract – Exotic FX Option

Contract Overview	An exotic foreign-exchange option is an option which has more than one trigger relating to the determination of the payoff.
Trade Date	The date on which parties enter into the contract
Option Style	American / European
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
Option Type	Put/ Call
	Call option – the right to buy an asset at a fixed date and price.
	Put option – the right to sell an asset a fixed date and price.
Call Currency	Currency for call option
Put Currency	Currency for put option
Strike Price	The currency exchange rate at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Barrier Low	Pre-set low barrier level either springs the option into existence or extinguishes an already existing option.
Barrier High	Pre-set high barrier level either springs the option into existence or extinguishes an already existing option.
Barrier Style	American / European
Barrier Direction	The four types of barrier options are:
	 Up-and-out: spot price starts below the barrier level and has to move up for the option to be knocked out. Down-and-out: spot price starts above the barrier level and has to move down for the option to become
	null and void.
	• Up-and-in: spot price starts below the barrier level and has to move up for the option to become activated.
	Down-and-in: spot price starts above the barrier level and has to move down for the option to become
	activated.
Expiration Time	Time at which option contract expires (cut off time)
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which option premium is expressed in
Premium Date	Date on which premium amount is due
Quoting Convention	Notional amount, as agreed by counterparties
and Minimum	
Increment	
Notional Currency	Currency in which contract size is expressed in
Settlement Procedure	Bilateral settlement performed in settlement currency
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1404. FX Contract – Precious Metals

Contract Overview	A precious metals contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference Commodities	 Gold Silver Palladium Platinum
Contracts on Reference Commodities	NYMEX Palladium NYMEX Platinum COMEX Gold COMEX Silver ICE Gasoil (Monthly)
Settlement Currency	A currency listed below.
Quoting Convention and Minimum Increment	Notional amount, as agreed by counterparties
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	A currency listed below.
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Calculation Period	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can be netted)
Settlement Procedure	Bilateral cash settlement performed in settlement currency
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1405. FX Contract – Average Rate Forward

Contract Overview	An average rate forward allows the buyer the ability to create a hedge rate for a future exposure by locking in forward points and a spot rate. At some point in the future, there is an averaging period of daily spot observations to determine an average rate which, when compared to the hedge rate, will set the payout. Unlike options, this hedge tool is a forward
Currency Pair	contract and has no premium cost associated with it. Underlying currency instrument composed of ISO currency codes (ISO 4217) of the base currency and the counter currency, separating them with a slash character; see currency list below
Settlement Currency	See currency list below
Quoting Convention and Minimum Increment	Notional amount, as agreed by counterparties
Minimum Size	\$1
Notional Currency	Currency in which contract size is expressed
Trading Conventions	Buy or Sell which refers to the contract size expressed in notional currency
Forward Rate	Currency Exchange rate expressed as the amount of Reference currency per unit of Settlement currency
Trade Date	The date on which parties enter into the contract
Settlement Date	Settlement or payment date
Fixing Date	End of observation period specified by counterparties
Frequency	Observation frequency specified by counterparties
Settlement Procedure	Bilateral settlement performed in settlement currency based on the exchanges rate published by either Bloomberg (BFIX) or Reuters (WM/Reuters)
Trading Hours	00:01 - 24:00 Sunday-Friday (Eastern Time)
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1406. FX Contract – ARS Non-Deliverable Forward

Contract Overview	A non-deliverable forward (NDF) is an outright forward in which counterparties settle the difference between
	the contracted NDF price or rate and the prevailing spot price or rate on an agreed notional amount.
Reference Currency (i.e.,	ARS Argentine Peso
Non-Deliverable Currency)	
Settlement Currency	USD
Quoting Convention and	Notional amount, as agreed by counterparties
Minimum Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which contract size is expressed in, as agreed by counterparties
Trading Conventions	Buy or Sell, which refers to the contract size expressed in notional currency
Forward Rate	Currency Exchange rate expressed as the amount of Reference currency per unit of Settlement Currency
Trade Date	The date on which parties enter into the contract
Settlement Date	Specified settlement or payment date, as agreed by counterparties
Fixing Date	The date at which the difference between the prevailing market exchange rate and the agreed upon exchange
	rate is calculated.
Settlement Procedure	Bilateral settlement performed in settlement currency based on the EMTA ARS Industry Survey Rate / EMTA
	ARS Indicative Survey Rate (secondary); BFIX or BGN.
Trading Hours	00:01 - 24:00 (ET), Sunday-Friday
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	•
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

In addition to the above, and subject to Bloomberg SEF Rule 523, all of the template terms for the confirmation of an NDF transaction in the currency pair that is the subject of a particular Swap, as the term Swap is defined in BSEF's rules, as recommended by EMTA, Inc. ("EMTA") or a recognized successor (such template terms in effect on the Effective Date and published and available at www.emta.org or any successor website, the "Relevant EMTA Template") shall apply to such Swap. For the avoidance of doubt, if the Relevant EMTA template becomes effective after the Effective Date of a Swap, such Relevant EMTA Template shall not apply to or amend the terms of such Swap.

CHAPTER 15.COMMODITIES CONTRACTS TERMS AND CONDITIONS

RULE 1501. Commodities – Fixed/Floating Strip Contract

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets) combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference	• Zinc
Commodities	Aluminum
	Aluminum Alloy
	Copper
	Nickel
	• Tin
	• Lead
	• Steel Billet
	• Live Cattle
	• Com
	• Wheat
	• Copper
	• Gold
	Silver
	Henry Hub Natural Gas
	Waha Natural Gas
	Permian Natural Gas Basis Swap
	New York Harbor Heating Oil
	WTI Crude
	Palladium
	Platinum
	• Iron Ore
	• Gasoil
	Brent Crude TTTP No. 1 C
<u> </u>	TTF Natural Gas
Contracts on	• LME Zinc
Reference	LME Aluminum
Commodities	LME Aluminum Alloy
	• LME Copper
	LME Nickel
	LME Tin
	LME Lead
	LME Steel Billet
	BM&F Bovespa Live Cattle
	CBOT Corn
	CBOT Confi CBOT Wheat
	NYMEX Henry Hub Natural Gas (Index Swap Future) NYMEX Woke Natural Gas Regis Swap NYMEX Woke Natural Gas Regis Swap
	NYMEX Waha Natural Gas Basis Swap
	NYMEX Permian Natural Gas Basis Swap
	NYMEX New York Harbor Heating Oil
	NYMEX WTI Crude
	NYMEX Palladium
	NYMEX Platinum
	NYMEX Iron Ore
	COMEX Copper
	COMEX Gold
	COMEX Silver ICE Gasoil (Monthly)
	ICE Brent Crude (Monthly)
	ICE TTF Natural Gas (Monthly)
Settlement Currency	Currency in which payments are made between the two counterparties:
Settlement Currency	
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting Convention	Notional amount per striplet, as agreed by counterparties
and Minimum	Trestonal amount per surprot, as agreed of connerputies
Increment	293
Minimum Size	Notional amount per striplet, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted:
1 TOUGHAI CHITCHCY	USD USD
	• GBP
	CAN
	• CAN
	CANJPYCHF

RULE 1502. Commodities – Fixed/Floating Swap Contract

Contract	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to
Contract Overview	pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating
Overview	amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity
	traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity
	and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference	• Zinc
Commodities	Aluminum
	Aluminum Alloy
	• Copper
	Nickel
	• Tin
	• Lead
	Steel Billet
	Live Cattle
	• Corn
	• Wheat
	• Copper
	• Gold
	• Silver
	Henry Hub Natural Gas
	Waha Natural Gas
	Permian Natural Gas Basis Swap New York Harker Heating Oil
	New York Harbor Heating Oil WITH Crushs
	WTI Crude Palladium
	Platinum Iron Ore
	Iron Ore Gasoil
	 Brent Crude TTF Natural Gas
Contracts on	LME Zinc
Reference	LME Aluminum
Commodities	LME Aluminum LME Aluminum Alloy
	LME Copper
	LME Nickel
	• LME Tin
	• LME Lead
	LME Steel Billet
	BM&F Bovespa Live Cattle
	CBOT Corn
	CBOT Wheat
	NYMEX Henry Hub Natural Gas (Index Swap Future)
	NYMEX Waha Natural Gas Basis Swap
	NYMEX Permian Natural Gas Basis Swap
	NYMEX New York Harbor Heating Oil
	NYMEX WTI Crude
	NYMEX Palladium
	NYMEX Platinum
	NYMEX Iron Ore
	COMEX Copper
	COMEX Gold
	COMEX Silver ICE Gasoil (Monthly)
	ICE Brent Crude (Monthly)
	ICE TTF Natural Gas (Monthly)
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL PLN
	• SEK
	KRW Notional amount, as agreed by counterparties 296
Onotin-	inotional amount, as agreed by counterparties 290
Quoting	
Convention	230
Convention and Minimum	
Convention and Minimum Increment	
Convention and Minimum Increment Minimum Size	Notional amount, as agreed by counterparties
Convention and Minimum Increment	
Convention and Minimum Increment Minimum Size Notional	Notional amount, as agreed by counterparties Currency in which the fixed and floating prices are quoted:

RULE 1503. Commodities – Date Spread Contract

Contract Overview	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated futures contracts over a calculation period of a given reference commodity.
Reference Commodities	 Zinc Aluminum Aluminum Alloy Copper Nickel Tin Lead Steel Billet Live Cattle Corn Wheat Copper Gold Silver Henry Hub Natural Gas Waha Natural Gas Permian Natural Gas Basis Swap New York Harbor Heating Oil WTI Crude Palladium Platinum
	 Iron Ore Gasoil Brent Crude TTF Natural Gas
Contracts on Reference Commodities	 LME Zine LME Aluminum LME Aluminum Alloy LME Copper LME Nickel LME Tin LME Lead LME Steel Billet BM&F Bovespa Live Cattle CBOT Corn CBOT Wheat NYMEX Henry Hub Natural Gas (Index Swap Future) NYMEX Waha Natural Gas Basis Swap NYMEX Permian Natural Gas Basis Swap NYMEX New York Harbor Heating Oil NYMEX WTI Crude NYMEX Palladium NYMEX Iron Ore COMEX Copper COMEX Gold COMEX Gold COMEX COPET LCE Brent Crude (Monthly) ICE TTF Natural Gas (Monthly) Currency in which payments are made between the two counterparties:
Settlement Currency	 Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY

	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which payments are made between the two counterparties:
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second
Conventions	leg must be selling, for instance.
Calculation	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference
Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
(-)	, , , , , , , , , , , , , , , , , , , ,
Trade Date	The date on which counterparties enter into the contract
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Ę.	
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
	-
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1504. Commodities – Options Zinc Contract

	,
Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Zinc
Commodities	
Contracts on	LME Zinc
Reference	2.02 2.00
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	USD
	• EUR
	• GBP
	• 001

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1505. Commodities – Options Aluminum Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Determine the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period.
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Aluminum
Commodities	Atunmum
Contracts on	LME Aluminum
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	1

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1506. Commodities – Options Aluminum Alloy Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	 Put/ Call Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	Aluminum Alloy
Contracts on Reference Commodities	LME Aluminum Alloy
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Premium Date	Date on which premium amount is due
Quoting Convention and Minimum Increment	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• GBP • CAN
	• GBP

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1507. Commodities – Options LME Copper Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed
	strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
Reference	or the underlying striplets. • Copper
Commodities	Copper
	TMT C
Contracts on	LME Copper
Reference Commodities	
Commodities Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation Feriod	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	EUR GBP
	• GBP • CAN
	• JPY
	• CHF
	• CHr • BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	N.C. L. C. C.
Minimum Size	Notional amount, as agreed by counterparties Unit in which contract size on Perference Commedities is converged in its howels matrix tons bushels MMPTUs etc.
Notional Unit Settlement	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency
Procedure	Diacetal settlement performed in settlement currency
Settlement	Currency in which the settlement payment is made
Currency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1508. Commodities – Options Nickel Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	, , , , , , , , , , , , , , , , , , , ,
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
O 4' T	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Nickel
Commodities	
Contracts on	LME Nickel
Reference	I EME NORTH
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Curculation 1 criou	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Trice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
Tremmum currency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
n . n .	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	N
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1509. Commodities – Options Tin Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	• Tin
Commodities	
Contracts on	LME Tin
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	- 0.11

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1510. Commodities – Options Lead Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in
	exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
D. C	or the underlying striplets.
Reference Commodities	• Lead
Commouttes	
Contracts on	LME Lead
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Trice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY • CHF
	• CHr • BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	N. C.
Minimum Size Notional Unit	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	2 miles a section of performed in section of the se
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1511. Commodities – Options Steel Billet Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Steel Billet
Commodities	
Contracts on	LME Steel Billet
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Cattlamont	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• USD • EUR
	USDEURGBP
	 USD EUR GBP CAN
	USDEURGBP

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1512. Commodities – Options Live Cattle Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Live Cattle
Commodities	
Contracts on	BM&F Bovespa Live Cattle
Reference	Bivier Bovespa Live Caute
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation 1 eriou	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Date Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
1 Tellium Currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	- 0.111

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1513. Commodities – Options Corn Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
0 4 5	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Corn
Commodities	
Contracts on	CBOT Com
Reference	CBOT Com
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation 1 eriou	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
rremum currency	· ·
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	▼ CIII

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1514. Commodities – Options Wheat Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in
	exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
O 4' T	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
*	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Wheat
Commodities	
Contracts on	CBOT Wheat
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
C. I. D.	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	PLN SEK
	• SEK • KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency
Settlement	Currency in which the settlement payment is made
Currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1515. Commodities – Options Henry Hub Natural Gas Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed
	strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Henry Hub Natural Gas
Commodities	Tichiy Hub Naturai Oas
G	NVD GVVV. VI IV. I G
Contracts on	NYMEX Henry Hub Natural Gas
Reference Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation 1 eriou	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD • EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment Minimum Size	National amount or agreed by countermenting
Minimum Size Notional Unit	Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	Diagonal Sectionies performed in Sectionies currency
Settlement	Currency in which the settlement payment is made
Currency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1516. Commodities – Options Waha Natural Gas Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
T. I. D. A	
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Waha Natural Gas
Commodities	
Contracts on	NYMEX Waha Natural Gas Basis Swap
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option.
Evniuation Data	Date at which option contract expires
Expiration Date	Time at which option contract expires
Expiration Time	
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Quoting Convention	rotional amount of the underlying commodity. Examples include parters, metric tons, business, wivid LOS, etc.
and Minimum Increment	
	National amount are associated by association and in
Minimum Size Notional Unit	Notional amount, as agreed by counterparties Unit in which contract ries on Performed Commodities is everywhere the property of the Performed Commodities is everywhere the property of the Performed Commodities is everywhere the property of the Performance Commodities is everywhere the Performance Commodities in everywhere the Performance Commodities is everywhere the Performance Commodities in everywhere the Performance Commodities is everywhere the Performance Commodities in everywhere the Performance Commodities is everywhere the Performance Commodities in everywhere the Performance Commodities is everywhere the Performance Commodities in everywhere the Performance Commodities is everywhere the Performance Commodities in everywhere Commodities in everywhere Commoditi
	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	Community article the authorized account is an ele
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1517. Commodities – Options Permian Natural Gas Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
	American / European / APO
Option Style	
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
O 41 TF	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 611	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
Reference	or the underlying striplets.
	Permian Natural Gas Basis Swap
Commodities	
Contracts on	NYMEX Permian Natural Gas Basis Swap
Reference	·
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	The second secon
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	· · · · · · · · · · · · · · · · · · ·
Settlement	Currency in which the settlement payment is made
Currency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1518. Commodities – NY Harbor Heating Oil Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
option style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
D. C	or the underlying striplets.
Reference Commodities	New York Harbor Heating Oil
Contracts on	NYMEX New York Harbor Heating Oil
Reference	TV TVILAX NOW TOTA HIGHOUT HEATING ON
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL PLN
	• PLN • SEK
	• SEK • KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	2
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1519. Commodities – Options WTI Crude Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
option Type	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
-	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	WTI Crude
Commodities	11 21 01440
Contracts on	NYMEX WTI Crude
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	- 0.11

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1520. Commodities – Options Palladium Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
opuon 1,pc	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Palladium
Commodities	
Contracts on	NYMEX Palladium
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	- 0.11

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1521. Commodities – Options Platinum Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Platinum
Commodities	
Contracts on	NYMEX Platinum
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Culculation I ti lou	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Trice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
1 remain currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	Commencia achicle de conflorace de comment is sure de
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1522. Commodities – Options Iron Ore Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
T. I. D. A	
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Орион Туре	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	 Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Iron Ore
Commodities	• Iron Ore
Contracts on	NYMEX Iron Ore
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation 1 eriou	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	
7	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
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Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1523. Commodities – Options COMEX Copper Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Copper
Commodities	Copper
Contracts on	COMEX Copper
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	CHF
	BRL
	• PLN
	• SEK
	KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	, , , , , , , , , , , , , , , , , , ,
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	- 0.11

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1524. Commodities – Options Gold Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
	American / European / APO
Option Style	
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Gold
Commodities	
Contracts on	COMEX Gold
Reference	• CONEA GOID
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation 1 eriou	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Trice	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Date Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
Fremium currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	1

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1525. Commodities – Options Silver Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Silver
Commodities	
Contracts on	COMEX Silver
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
r remium currency	USD USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	USD
Junioney	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1526. Commodities – Options Gasoil Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
, r	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference Commodities	• Gasoil
Contracts on	ICE Gasoil (Monthly)
Reference	Tel Guion (Monuny)
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Calculation Period	price will be averaged across all days.
C. I. D.	
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
[- 0.11

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1527. Commodities – Options Brent Crude Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in
	exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed
	strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
option style	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0-4: 6:1-	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Brent Crude
Commodities	Sign chair
Contracts on	ICE Provide Conde (Manufally)
Reference	ICE Brent Crude (Monthly)
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties: • USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1528. Commodities – Options TTF Natural Gas Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	TTF Natural Gas
Commodities	
Contracts on	ICE TTF Natural Gas (Monthly)
Reference	102 111 Tallata Gas (Monany)
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Ct 'l D'	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD
	EUR GBP
	• GBr • CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting Convention	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure Settlement	Currency in which the settlement payment is made
Currency	Currency in which the settlement payment is made • USD
Currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	1

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1529. Commodities – Options NY Harbor ULSD Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
Option Style	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
D.C.	or the underlying striplets. • New York Harbor Ultralow Sulfur Diesel
Reference Commodities	New York Harbor Ultralow Sultur Diesel
Contracts on	NYMEX New York Harbor Ultralow Sulfur Diesel
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
	• USD • EUR
	• EUK • GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement Procedure	Bilateral settlement performed in settlement currency
Settlement	Currency in which the settlement payment is made
Currency	USD
Currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
1	1

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1530. Commodities – Option Strip Zinc Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
• ••	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
-	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Zinc
Commodities	
Ctt	IAC 7:
Contracts on Reference	• LME Zinc
Commodities Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Calculation Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
renou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Frice	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
1 1 Cillium	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	USD
currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
<u> </u>	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1531. Commodities – Option Strip Aluminum Contract

Contract Overview	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
орион Турс	 Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
opuon siuc	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference Commodities	Aluminum
Contracts on	LME Aluminum
Reference Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	Surp van met a den nouvian antonia angelegated into a total nouvian antonia.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	
Currency	• USD
	• EUR
	• GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1532. Commodities – Option Strip Aluminum Alloy Contract

considerate construction const		
Trade Date		The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
Option Style	T. I.D.	
A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined pointime. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised expiration date at the end of the Calculation Period of the option. Put Call per commodity option striplet Call option — the right to pay a fixed price per unit of a commodity and receive the floating market price per unit commodity over the period Put option— the right to receive a fixed price per unit of a commodity and pay the floating market price per unit commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Commodities Contracts on Reference Calculation Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation. Strike Price Expiration Date Expiration Time Expiration Time Settlement Date Strike and this option contract. Each commodity option striplet in the strip can have its own expiration date and the policy option option contract. Each commodity option striplet in the strip can have its own expiration of the period ship option and this option option. Premium Currency Premium Date Oposting Convention and Minimum Jiac Notional amount of the underlying commodity controlled by each commodity option striplet in the strip can have its own problems of the underlying commodity option striplet in the strip can have its own problems and value of the underlying commodity controlled by each commodity option striple		
Put Call petr commodity option striplet	Option Style	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
Call option — the right to pay a fixed price per unit of a commodity and receive the floating market price per unit commodity over the period Put option — the right to receive a fixed price per unit of a commodity and pay the floating market price per unit commodity over the period Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Commodities Contracts on Reference Commodities Calculation Period Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calcul period. Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which option contract expires. Expiration Time Settlement Date Premium Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own expiration that settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration that which option contract expires. Each commodity option striplet in the strip can have its own expiration that settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration that support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its own expiration that the support in the strip can have its o	Option Type	
Contracts on Reference Commodities		 Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Commodities	Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Contracts on Reference Commodities Calculation Period Period Period Period Promotion Striple and Period Promotion Striple of the commodity option striplet in the strip can have its own calculperiod. Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor of exercise an option. Each commodity option striplet in the strip can have its own expiration date Premium and the premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own expiration firm the strip and have its own expiration firm the strip tan and the strip can have its own expiration firm the strip tan the strip can have its own expiration firm the strip tan have its own expiration firm the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet in the strip can have its own promotive option striplet	•	(buy) or received (sell). Direction can be specified for either the strip
Reference Commodities		Aluminum Alloy
Reference Commodities	Contracts on	LME Aluminum Alloy
Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calcul period. Strike Price	Reference	
reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calcul period. Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor ce exercise an option. Each commodity option striplet in the strip can have its own expiration date Expiration Time Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time which is aggregated into a total premium. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own provide in the strip can have its ow	Commodities	
Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor control of the service an option. Each commodity option striplet in the strip can have its own strike. Expiration Date Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.	Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Expiration Date Expiration Date Expiration Time Settlement Date Premium currency Premium Currency Premium Date Premium Date Premium Date Premium Currency Premium Date Premium Currency Premium Date Premium Currency Premium Date Premium Currency Premium Currency Premium Date Outing Currency in which option ocntract. Each commodity option striplet in the strip can have its own premium currency. Each commodity option striplet in the strip can have its own premium is expressed. Currency in which option premium is expressed. Each commodity option striplet in the strip can have its own premium during the strip can have its own premium is expressed. Currency in which option premium is expressed. Currency in which option premium is expressed. Currency in which option premium is expressed. Each commodity option striplet in the strip can have its own premium is expressed. Currency in which option premium is expressed. Each commodity option striplet in the strip can have its own expiration the strip can have its own expiration the strip can have its own premium during in the strip can have its own expiration the strip can have its own premium during option striplet in the strip can have its own expiration the strip can have its o	Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time	Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Each commodity option striplet in the strip can have its own strike.
Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time	Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own provided in the strip can ha	Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own provided in the strip can ha	Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Minimum Size Notional Unit Settlement Procedure Settlement Currency Currency in which option premium is expressed. USD Canvesion EUR BBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in strip can have its own notional amount which is aggregated into a total notional amount. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its ow separate settlement date. Currency in which option premium is expressed. USD	Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
currency • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Notional amount, as agreed by counterparties Notional Unit Notional Which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement Procedure Settlement Currency • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in strip can have its own notional amount. Settlement Currency • USD	Premium	
Quoting Convention and Minimum IncrementNotional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in strip can have its own notional amount which is aggregated into a total notional amount.Minimum Size Notional UnitNotional amount, as agreed by counterpartiesNotional UnitUnit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.Settlement ProcedureBilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its ow separate settlement date.Settlement CurrencyCurrency in which the settlement payment is made• USD	·	 EUR GBP CAN JPY CHF BRL PLN SEK KRW
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in strip can have its own notional amount which is aggregated into a total notional amount. Minimum Size Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its ow separate settlement date. Currency in which the settlement payment is made USD		
Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement Procedure Settlement Currency Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its ow separate settlement date. Currency in which the settlement payment is made • USD	Convention and Minimum Increment	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Settlement Procedure Bilateral settlement performed in settlement currency. Settlement Currency Each commodity option striplet in the strip can have its ow separate settlement date. Currency in which the settlement payment is made USD		
Procedure separate settlement date. Settlement Currency Currency in which the settlement payment is made USD		
Settlement Currency in which the settlement payment is made • USD		Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
• GBP	Settlement	Currency in which the settlement payment is made USD EUR

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1533. Commodities – Option Strip LME Copper Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
•	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Copper
Commodities	
Contracts on	I ME Campa
Reference	LME Copper
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
1 criou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Strike Trice	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• BKL • PLN
	• SEK
	• SEK • KRW
Duamium Data	Date on which premium amount is due
Premium Date	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Convention and Minimum	counterparties. Examples include barrels, metric tons, busnels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Increment	surp can have its own notional amount which is aggregated into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1534. Commodities – Option Strip Nickel Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
:	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Nickel
Commodities	
Contracts on	LME Nickel
Reference	LME Nickel
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Terrou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
501110 11100	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
·	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	surp van navo no own nodonal amount which is aggregated into a total nodonal amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	
Currency	• USD
	• EUR • GBP

	 CAN JPY CHF BRL PLN SEK KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1535. Commodities – Option Strip Tin Contract

A commodity option strip contract is a series of individual commodity options (option strict cash-settled agreement. For each underlying commodity option striplet there is an agreement whereby one counterparty agrees, in exchange for a cash premium, to offer another counterpart to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded a futures contracts over a calculation period of a given reference commodity. Trade Date Option Style American / European / APO per commodity option striplet A European option may be exercised only at the expiration date of the option, i.e. at a time. An Average Price Option (APO) (also known as an average value or "Asian" option expiration date at the end of the Calculation Period of the option Option Type Put/ Call per commodity option striplet Call option – the right to pay a fixed price per unit of a commodity and receive the floating commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Commodities	t between two counterparties rty the right but not obligation vive or pay the floating current and the price of designated a single pre-defined point in ion date. I) may only be exercised at the mag market price per unit of the
cash-settled agreement. For each underlying commodity option striplet there is an agreement whereby one counterparty agrees, in exchange for a cash premium, to offer another counterpart to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive market price per unit of a commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded a futures contracts over a calculation period of a given reference commodity. Trade Date Option Style American / European / APO per commodity option striplet A European option may be exercised only at the expiration date of the option, i.e. at a time. An American option on the other hand may be exercised at any time before the expirate An Average Price Option (APO) (also known as an average value or "Asian" option expiration date at the end of the Calculation Period of the option Option Type Put/ Call per commodity option striplet Call option – the right to pay a fixed price per unit of a commodity and receive the floating commodity over the period Put option – the right to receive a fixed price per unit of a commodity and pay the floating commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Tin	t between two counterparties rty the right but not obligation vive or pay the floating current and the price of designated a single pre-defined point in ion date. I) may only be exercised at the mag market price per unit of the
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or the underlying striplets. Reference • Tin	
Reference • Tin	
• • • • • • • • • • • • • • • • • • • •	
Contracts on • LME Tin	
Reference	
Commodities	
Calculation Series of single date or date ranges over which the reference price of the commodity will be c	
Period reference price will be averaged across all days. Each commodity option striplet in the strip	can have its own calculation
period.	
Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity	at which the investor can
exercise an option. Each commodity option striplet in the strip can have its own strike.	
Expiration Date Date at which option contract expires. Each commodity option striplet in the strip can have	
Expiration Time Time at which option contract expires. Each commodity option striplet in the strip can have	
Settlement Date Settlement date of the option contract. Each commodity option striplet in the strip can have	
Premium Premium amount expressed in premium currency. Each commodity option striplet in the st	rip can have its own premium
which is aggregated into a total premium.	
Premium Currency in which option premium is expressed.	
currency • USD	
• EUR	
• GBP	
• CAN	
• JPY	
• CHF	
• BRL	
BRLPLN	
BRLPLNSEK	
 BRL PLN SEK KRW 	
BRL PLN SEK KRW Premium Date Date on which premium amount is due	t in the strip, as served by
BRL PLN SEK KRW Premium Date Quoting Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet	
BRL PLN SEK KRW Premium Date Quoting Convention Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet counterparties.	
BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each common strip can have its own notional amount which is aggregated into a total notional amount.	
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BRL PLN SEK KRW Premium Date Quoting Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties Notional Unit Notional amount, as agreed by counterparties Notional Unit Notional Controlled by each commodity option striplet counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commo strip can have its own notional amount which is aggregated into a total notional amount. Notional Unit Notional Unit Notional Controlled by each commodity option striplet counterparties. Each commo strip can have its own notional amount which is aggregated into a total notional amount. Notional Unit Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.	dity option striplet in the
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Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1536. Commodities – Option Strip Lead Contract

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Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Lead
Commodities	
Contracts on	LME Lead
Reference	2.1.2.2.4.1
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	50 0
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
•	• EUR
	• GBP
	1

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1537. Commodities – Option Strip Steel Billet Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
Option Style	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Steel Billet
Commodities	- Steel Blick
Contracts on	LME Steel Billet
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	USD
currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	
	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	N.C. I
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
*	• EUR
	• GBP
	- 051

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1538. Commodities – Option Strip Live Cattle Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Live Cattle
Commodities	
Contracts on	PM&E Dayages Live Cattle
Reference	BM&F Bovespa Live Cattle
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
Terrou	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
541114	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• Crir • BRL
	• PLN
	• SEK
D	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	N. dianal amount as a smaller contempt dian
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1539. Commodities – Option Strip Corn Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
O-4 T	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	, 1
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Spuon Side	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	• Corn
Commodities	
Contracts on	CBOT Corn
Reference	• CBOT Con
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	SEK KRW
Premium Date	
Quoting	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	200-7
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	

	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1540. Commodities – Option Strip Wheat Contract

	-
Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Wheat
Commodities	
Contracts on	CBOT Wheat
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1541. Commodities – Option Strip Henry Hub Natural Gas Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Henry Hub Natural Gas
Commodities	
Contracts on	NYMEX Henry Hub Natural Gas
Reference	N INIEX Helly Hub Natural Gas
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	2
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Settlement	Currency in which the settlement payment is made
Currency	USD USD
Carrency	• EUR
	• GBP
	▼ ODI

Trading Hours	 CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1542. Commodities – Option Strip Waha Natural Gas Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
Overview	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
Option Style	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
0 11 011	
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Waha Natural Gas
Commodities	
Contracts on	NYMEX Waha Natural Gas Basis Swap
Reference	1
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
1 01104	period.
Ctuilso D	
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
. i ciii uiii	which is aggregated into a total premium.
D	
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	N-411
	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Convention and Minimum	
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Convention and Minimum	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Convention and Minimum Increment Minimum Size	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Convention and Minimum Increment Minimum Size Notional Unit	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Convention and Minimum Increment Minimum Size Notional Unit Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK 378
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK 378
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK 378
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours Clearing Venue	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours Clearing Venue	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours Clearing Venue Block Size	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours Clearing Venue	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time

RULE 1543. Commodities – Option Strip Permian Natural Gas Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 611	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	Permian Natural Gas
Commodities	- 1 Orinian Francial Odo
Contracts on	NYMEX Permian Natural Gas Basis Swap
Reference	r
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Expiration Time Settlement Date	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK
Expiration Time Settlement Date Premium Premium currency	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Expiration Time Settlement Date Premium Premium currency Premium Date	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due
Expiration Time Settlement Date Premium Premium currency	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1544. Commodities – Option Strip NY Harbor Heating Oil Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
1 11	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
F	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	New York Harbor Heating Oil
Commodities	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
Contracts on	NYMEX New York Harbor Heating Oil
Reference	NIME TO A TOWN T
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Date Expiration Time	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Expiration Time Settlement Date	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Expiration Time Settlement Date	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK
Expiration Time Settlement Date Premium Premium currency	Time at which option contract expires. Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time. Premium amount expressed in premium currency. which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Expiration Time Settlement Date Premium Premium currency Premium Date	Time at which option contract expires. Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. USD EuR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip can have its own premium which is own premium and its own premium which is discovered by a commodity option striplet in the strip can have its own settlement date. Each commodity option striplet in the strip can have its own settlement date. Each commodity option striplet in the strip can have its own settlement date. Premium amount it is own settlement date. Each commodity option striplet in the strip can have its own settlement date. Premium amount it is own settlement date. Premium amount it is own settlement date. Pack commodity option striplet in the strip can have its own settlement date. Premium amount it is own settlement date. Pack commodity option striplet in the strip can have its own settlement date. Pack commodity option striplet in the strip can have its own settlement date.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip can have its own premium which is own premium and its own premium which is discovered by a commodity option striplet in the strip can have its own settlement date. Each commodity option striplet in the strip can have its own settlement date. Each commodity option striplet in the strip can have its own settlement date. Premium amount it is own settlement date. Each commodity option striplet in the strip can have its own settlement date. Premium amount it is own settlement date. Premium amount it is own settlement date. Pack commodity option striplet in the strip can have its own settlement date. Premium amount it is own settlement date. Pack commodity option striplet in the strip can have its own settlement date. Pack commodity option striplet in the strip can have its own settlement date.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1545. Commodities – Option Strip WTI Crude Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 611	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	WTI Crude
Commodities	W 11 Clude
Contracts on	NYMEX WTI Crude
Reference	- IVITALIZE II II CIUUC
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
D .	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
Premium Date	• KRW Data on which premium amount is due
Quoting Quoting	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	only van and the own notional amount which is appropried into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
	As set forth in Appendix F to Part 43 of the CFTC Regulations.
DIOCK SIZE	AS SEL TOTAL III APPENDIX I' TO FAIL 45 OF THE CELL REGULATIONS.
Block Size Speculative	
Speculative Limits	As set in Part 151 of the CFTC Regulations
Speculative	

RULE 1546. Commodities – Option Strip Palladium Contract

Contract Overview	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	 A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	 Put/ Call per commodity option striplet Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
Reference	or the underlying striplets. • Palladium
Commodities	• Panadium
Contracts on	NYMEX Palladium
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Expiration Date	exercise an option. Each commodity option striplet in the strip can have its own strike. Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Date Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN • JPY
	• JPY • CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum Increment	strip can have its own notional amount which is aggregated into a total notional amount.
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	

RULE 1547. Commodities – Option Strip Platinum Contract

Contract Overview	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
T. C. C.	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	 Put/ Call per commodity option striplet Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
D. C.	or the underlying striplets.
Reference Commodities	Platinum
Contracts on	NYMEX Platinum
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
E : .: D .:	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date Expiration Time	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Tremum	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK • KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral As set forth in Appendix E to Part 42 of the CETC Populations
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations
Speculative Limits	As set in 1 are 131 of the CFTC regulations
Limits	

RULE 1548. Commodities – Option Strip Iron Ore Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
O 4: T	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
Ontion Cido	commodity over the period Dry or Sell which refers to whether or not the ention promism is noid
Option Side	Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Iron Ore
Commodities	• non-ore
Contracts on	NYMEX Iron Ore
Reference	1 NIMES HOLD
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Premium	which is aggregated into a total premium. Currency in which option premium is expressed.
currency	USD USD
currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Speculative Limits	As set in Part 151 of the CFTC Regulations

RULE 1549. Commodities – Option Strip COMEX Copper Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 611	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	COMEX Copper
Commodities	COMEA Copper
Contracts on	COMEX Copper
Reference	Committee Copper
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
D	Currency in vibials anticon promium is augustased
Premium	Currency in which option premium is expressed.
Premium currency	• USD
	• USD • EUR
	 USD EUR GBP
	 USD EUR GBP CAN
	 USD EUR GBP CAN JPY
	 USD EUR GBP CAN JPY CHF
	 USD EUR GBP CAN JPY CHF BRL
	 USD EUR GBP CAN JPY CHF BRL PLN
	 USD EUR GBP CAN JPY CHF BRL PLN SEK
currency	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
currency Premium Date	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due
Currency Premium Date Quoting	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Premium Date Quoting Convention	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Premium Date Quoting Convention and Minimum	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Premium Date Quoting Convention and Minimum Increment	USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Premium Date Quoting Convention and Minimum	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Premium Date Quoting Convention and Minimum Increment Minimum Size	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	 USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative	USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1550. Commodities – Option Strip Gold Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
Option Style	
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
- r	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Gold
Commodities	Gold
Contracts on	COMENCELL
	COMEX Gold
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
·	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Premium Date Quoting	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Quoting	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Quoting Convention	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Quoting Convention and Minimum Increment	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Quoting Convention and Minimum Increment Minimum Size	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Quoting Convention and Minimum Increment Minimum Size Notional Unit	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral

RULE 1551. Commodities – Option Strip Silver Contract

whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation		
cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparty takes whereby one counterparty takes; in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity on a commodity and counterparty the right but not obligation to pay or receive a fixed price per unit of a commodity of the another and the price of designated futures contracts over a calculation period of a given reference commodity. American Puriopan / APO per commodity option striplet An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. Call option — the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity option striplet in the strip on the underlying striplets. Percence Commodities Calculation Commodities Calculation Period Strike Price Silver Strike Price Solver Contracts on Reference Commodities Calculation Period Solver S	Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating curren market price per unit of a commodity is a stosed on the notional quantity traded and the price of designated futures contracts over a calculation period of a given reference commodity. Trade Date Option Style Option Type Opti	Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
market price per unit of a commodity on a given specific future date. Trade Date Trade Date Option Style Trade Date Option Style A market price per unit of a commodity option striplet A market price per unit of the commodity option striplet A market price per unit of the commodity option striplet A market price per unit of the commodity option striplet A market price per unit of the commodity option striplet A market price option (APO) (also known as an average value or "Asian" option) may only be exercised option Put Call per commodity option striplet Call option—the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity option—the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodities Option Side Option Side Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Commodities Contracts on Reference Commodities Contracts on Reference Commodities Services of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Each commodity option striplet in the strip can have its own expiration time. Expiration Time Expiration Time Expiration Time Settlement Date Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Each commodity option striplet in the strip can have its own expiration time. Expiration Time Expiration Time Expiration Time Expiration Time Expiration Time Settlement Date Option Style Agreed upon inception of the contract. The fixed price per unit of the underlying to make its own expiration time. Expiration Time Expiration Time Settlement Date Option Style and the contract the commodity option striplet in the strip can have its own exp		whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
Trade Date Option Style Option Style Option Type Optio		to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
Trade Date Trade		market price per unit of a commodity on a given specific future date.
Trade Date The date on which parties enter into the contract		The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
Trade Date The date on which parties enter into the contract		futures contracts over a calculation period of a given reference commodity.
Option Style	Trade Date	
A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option Put Call per commodity option striplet		
time. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. An American option on the other hand may be exercised at any time before the expiration date. Put Option Type Put Call per commodity option striplet Calculation Period of the option Bay or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets. Reference Commodities Contracts on Reference Commodities Calculation Period Series of Single date or date ranges over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation period. Strike Price Expiration Date Expiration Time Expiration Time Settlement Date Premium Premium Premium Premium Currency Premium Date Outrency in which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Settlement Date Premium Date Outrency in which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement Date Settlement Date Premium Date Outrency in which option contract. Each commodity option striplet in the strip can have its own expiration time. Settlement Date Settlement Date Settlement Date Outrency in which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement Date Premium Date Outrency in which option contract. Each commodity option striplet in the strip can have its own expiration time. Settlement Date Outrency in which option contract. Each commodity option striplet in the strip can have its own expiration time. Settlement Date Outrency in	- I	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option		
An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option		An American ontion on the other hand may be exercised at any time before the expiration date.
Option Type Option		
Put Call per commodity option striplet		
Call option — the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period	Ontion Type	
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Speculative As set in Part 151 of the CFTC Regulations		
Limits		As set in Part 151 of the CFTC Regulations
	Limits	

RULE 1552. Commodities – Option Strip Gasoil Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
1 11	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Gasoil
Commodities	
Contracts on	ICE Gasoil (Monthly)
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
	which is aggregated into a total premium.
Premium	Currency in which option premium is expressed.
currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Convention	counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
and Minimum	strip can have its own notional amount which is aggregated into a total notional amount.
Increment	1
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Procedure	separate settlement date.
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative	As set in Part 151 of the CFTC Regulations
Limits	

RULE 1553. Commodities – Option Strip Brent Crude Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
Defenence	or the underlying striplets.
Reference Commodities	Brent Crude
Contracts on	IOT D. (C. L.O.C. d.L.)
Reference	ICE Brent Crude (Monthly)
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
1 01104	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Date Expiration Time	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
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Expiration Time Settlement Date Premium Premium	Date at which option contract expires. Time at which option contract expires. Settlement date of the option contract. Premium amount expressed in premium currency. which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN
Expiration Time Settlement Date Premium Premium	Date at which option contract expires. Time at which option contract expires. Settlement date of the option contract. Premium amount expressed in premium currency. which is aggregated into a total premium is expressed. Currency in which option premium is expressed. USD Beach commodity option striplet in the strip can have its own expiration time. Each commodity option striplet in the strip can have its own settlement date. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD Beach commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. Beach commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Expiration Time Settlement Date Premium Premium	Date at which option contract expires. Time at which option contract expires. Settlement date of the option contract. Premium amount expressed in premium currency. which is aggregated into a total premium is expressed. USD Bulk GBP CAN JPY CHF
Expiration Time Settlement Date Premium Premium	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL
Expiration Time Settlement Date Premium Premium	Date at which option contract expires. Time at which option contract expires. Settlement date of the option contract. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. USD Bulk GBP CAN JPY CHF BRL PLN
Expiration Time Settlement Date Premium Premium	Date at which option contract expires. Time at which option contract expires. Settlement date of the option contract. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own expiration time. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK
Expiration Time Settlement Date Premium Premium currency	Date at which option contract expires. Time at which option contract expires. Settlement date of the option contract. Premium amount expressed in premium currency. which is aggregated into a total premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW
Expiration Time Settlement Date Premium Premium currency Premium Date	Date at which option contract expires. Time at which option contract expires. Settlement date of the option contract. Premium amount expressed in premium currency. which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due
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Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
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Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date. Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1554. Commodities – Option Strip TTF Natural Gas Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 611	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	TTF Natural Gas
Commodities	- 111 11444441 043
Contracts on	ICE TTF Natural Gas (Monthly)
Reference	
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Expiration Time Settlement Date	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed.
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK
Expiration Time Settlement Date Premium	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN
Expiration Time Settlement Date Premium Premium currency	Time at which option contract expires. Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time. Premium amount expressed in premium currency. which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Expiration Time Settlement Date Premium Premium currency Premium Date	Time at which option contract expires. Settlement date of the option contract. Each commodity option striplet in the strip can have its own expiration time. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Which is aggregated into a total premium. Currency in which option premium is expressed. USD EuR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip can have its own premium which is own premium and its own premium which is discovered in the strip can have its own premium which is own premium which is aggregated into a total premium. Each commodity option striplet in the strip can have its own settlement date. Fach commodity option striplet in the strip can have its own settlement date. Fach commodity option striplet in the strip can have its own settlement date. Fach commodity option striplet in the strip can have its own settlement date. Fach commodity option striplet in the strip can have its own settlement date. Fach commodity option striplet in the strip can have its own settlement date.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Expiration Time Settlement Date Premium Premium Currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 - 24:00 Sunday-Friday Eastern Time Bilateral
Expiration Time Settlement Date Premium Premium currency Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time. Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date. Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium which is aggregated into a total premium. Currency in which option premium is expressed. • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1555. Commodities – Option Strip NY Harbor ULSD Contract

Contract	A commodity option strip contract is a series of individual commodity options (option striplets) combined into one
Overview	cash-settled agreement. For each underlying commodity option striplet there is an agreement between two counterparties
	whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation
	to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current
	market price per unit of a commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO per commodity option striplet
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	• An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the
	expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call per commodity option striplet
	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 611	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Reference	New York Harbor Ultralow Sulfur Diesel
Commodities	New Tork Hardor Officion Suttur Dieser
Contracts on	NYMEX New York Harbor Ultralow Sulfur Diesel
Reference	- 111712/1104 TOIR HUIDOI OHIUIOW DUHUI DIOSOI
Commodities	
Calculation	Series of single date or date ranges over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days. Each commodity option striplet in the strip can have its own calculation
	period.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option. Each commodity option striplet in the strip can have its own strike.
Expiration Date	Date at which option contract expires. Each commodity option striplet in the strip can have its own expiration date.
Expiration Time	Time at which option contract expires. Each commodity option striplet in the strip can have its own expiration time.
Settlement Date	Settlement date of the option contract. Each commodity option striplet in the strip can have its own settlement date.
Premium	
	Premium amount expressed in premium currency. Each commodity option striplet in the strip can have its own premium
D	which is aggregated into a total premium.
Premium	which is aggregated into a total premium. Currency in which option premium is expressed.
Premium currency	which is aggregated into a total premium. Currency in which option premium is expressed. • USD
	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR
	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP
	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN
	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY
	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF
	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL
	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN
	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK
currency	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
currency Premium Date	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due
Currency Premium Date Quoting	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Premium Date Quoting Convention	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the
Premium Date Quoting Convention and Minimum	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by
Premium Date Quoting Convention and Minimum Increment	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount.
Premium Date Quoting Convention and Minimum Increment Minimum Size	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount, as agreed by counterparties. Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date.
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Oo:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative Limits	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount which is aggregated into a total notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Trading Hours Clearing Venue Block Size Speculative	which is aggregated into a total premium. Currency in which option premium is expressed. USD EUR GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity controlled by each commodity option striplet in the strip, as agreed by counterparties. Examples include barrels, metric tons, bushels, MMBTUs, etc. Each commodity option striplet in the strip can have its own notional amount. Notional amount, as agreed by counterparties Unit in which contract size is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Each commodity option striplet in the strip can have its own separate settlement date. Oo:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.

RULE 1556. Commodities – Fixed/Floating Swap/Cash Settled Forward Mont Belvieu LDH Propane Contract

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Contract Overview	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference Commodities	Mont Belvieu LDH Propane
Contracts on	NYMEX Mont Belvieu LDH Propane
Reference	The state of the s
Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
ľ	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention	
and Minimum	
Increment	N. C. L. C.
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which the fixed and floating prices are quoted:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Conventions	
Calculation	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the
Period	reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can
	be netted)
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
DIOCK SIZE	As set form in Appendix 1: to Part 45 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03
Reportable Levels	As section in Crite regulation 15.05

RULE 1557. Commodities – Fixed/Floating Strip Mont Belvieu LDH Propane Contract

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets)
	combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference	Mont Belvieu LDH Propane
Commodities	Work Berreu Listi Fropale
Contracts on	NYMEX Mont Belvieu LDH Propane
Reference	
Commodities	
Settlement Currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting Convention	Notional amount per striplet, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount per striplet, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL PLN
	PLN SEK
	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified for
Trauling Conventions	either the strip or the underlying striplets.
	entire the strip of the underlying striplets.
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range
	the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.
Trade Date	The date on which parties enter into the contract
77440 2400	
Settlement Date(s)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement
, ,	for each constituent striplet in the strip or overall settlement on the total strip
Settlement	Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent striplet
Procedure	in the strip or overall settlement on the total strip
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
DI LO:	A COLOR DE LA COLOR DE LA
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Constanting I in '	A C
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1558. Commodities – Date Spread Mont Belvieu LDH Propane Contract

Contract Overview	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Reference Commodities	Aluminum MW U.S. Transaction Premium Platts (25MT)
Contracts on	CME Aluminum MW U.S. Transaction Premium Platts (25MT)
Reference	
Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
0 1	• KRW
Quoting Convention	Notional amount, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which payments are made between the two counterparties:
Currency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second
Conventions	leg must be selling, for instance.
Calculation	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference
Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
1 01104(3)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1559. Commodities – Option Mont Belvieu LDH Propane Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
	American / European / APO
Option Style	
	A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time.
	An American option on the other hand may be exercised at any time before the expiration date.
	An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
opuon Type	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
0 4 61	commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
Reference	or the underlying striplets.
	Mont Belvieu LDH Propane
Commodities	
Contracts on	NYMEX Mont Belvieu LDH Propane
Reference	·
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
•	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention	Twiting amount of the underlying commodity. Learnings metude parters, metre tons, pushes, invital US, etc.
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	Diagonal Sectionion performed in Sectionion currency
Settlement	Currency in which the settlement payment is made
Currency	USD
Currency	• EUR
	• EUK • GBP
	• CAN
	• JPY
	• CHF

Trading Hours	BRL PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1560. Commodities – Fixed/Floating Swap/Cash Settled Forward Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract Overview	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity
	and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference Commodities	Aluminum Midwest Premium
Contracts on Reference Commodities	CME Aluminum Midwest Premium
Settlement Currency	Currency in which payments are made between the two counterparties: USD EUR GBP CAN JPY CHF BRL
	• SEK • KRW
Quoting Convention and Minimum Increment	Notional amount, as agreed by counterparties
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted: USD EUR GBP CAN JPY CHF BRL PLN SEK KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Calculation Period	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can be netted)
Settlement Procedure	Bilateral cash settlement performed in settlement currency
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1561. Commodities – Fixed/Floating Strip Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets) combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The
	strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference	Aluminum Midwest Premium
Commodities	
Contracts on	CME Aluminum Midwest Premium
Reference	
Commodities	
Settlement Currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting Convention	Notional amount per striplet, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount per striplet, as agreed by counterparties
Notional Currency	Currency in which the fixed and floating prices are quoted:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
75 11 C 41	KRW Resolution of the second of th
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striplets.
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range
Carculation I Clious	the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.
	the reference price will be averaged across an days. Each surprice in the strip has one associated calculation period.
Trade Date	The date on which parties enter into the contract
i raue Date	The date on which parties effer into the contract
Settlement Date(s)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement
Settlement Date(s)	for each constituent striplet in the strip or overall settlement on the total strip
Settlement	Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent striplet
Procedure	in the strip or overall settlement on the total strip
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
	·····
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03
Acportable Levels	1.00 000 101 m. 0.1 10 100 guiden in 10.00

RULE 1562. Commodities – Date Spread Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty
Overview	agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from
	the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the
	quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated
	futures contracts over a calculation period of a given reference commodity.
Reference	Aluminum Midwest Premium
Commodities	OF H. S. Mill. D. S.
Contracts on Reference	CME Aluminum Midwest Premium
Commodities	
Settlement	Currency in which payments are made between the two counterparties:
Currency	USD
Currency	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	BRL
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention	Potonia anoma, as agreed by counterparties
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which payments are made between the two counterparties:
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second
Conventions	leg must be selling, for instance.
0.1.1.4	
Calculation	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference
Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Traue Date	The date on which counterparties effect into the contract
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
Settlement	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1563. Commodities – Option Aluminum MW U.S. Transaction Premium Platts (25MT) Contract

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
T 1 D 1	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO • A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	 An American option on the other hand may be exercised at any time before the expiration date. An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
	Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period
	Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
Spuon Siuc	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	Aluminum Midwest Premium
Commodities	
Contracts on	CME Aluminum Midwest Premium
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date Premium	Settlement date of the option contract Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
Tremium currency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
<u> </u>	• KRW
Premium Date	Date on which premium amount is due
Quoting	Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Convention and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Unit	Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Settlement	Bilateral settlement performed in settlement currency
Procedure	
Settlement	Currency in which the settlement payment is made
Currency	• USD
	• EUR
	• GBP
	• CAN
	• JPY

	 CHF BRL PLN SEK KRW
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Clearing Venue	Bilateral
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set in Part 151 of the CFTC Regulations
Reportable Levels	As set in CFTC Regulation 15.03

RULE 1564. Commodities – Fixed/Foating Swap/Cash Settled Forward Gulf Coast Jet Fuel

Contract	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to
Overview Contract	pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating
Overview	amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity
	traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity
	and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.
Reference	
Commodities	NYMEX NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts) Up-Down Futures Contract
Contracts on	CME Gulf Coast Jet Fuel Futures Contract
Reference	
Commodities	
<u>Settlement</u>	<u>Currency in which payments are made between the two counterparties:</u>
<u>Currency</u>	• USD
	<u>• EUR</u>
	<u>■ GBP</u>
	• CAN
	• JPY
	• CHF
	<u>■ BRL</u>
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention_	CONTRACTOR MICHIGAN AND THE CONTRACTOR OF THE CO
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional	Currency in which the fixed and floating prices are quoted:
Currency	USD
<u>Carrency</u>	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	<u>• PLN</u>
	<u>• SEK</u>
_	• KRW
<u>Trading</u>	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)
Conventions	
<u>Calculation</u>	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the
<u>Period</u>	reference price will be averaged across all days.
Trade Date	The date on which counterparties enter into the contract
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can
	be netted)
<u>Settlement</u>	Bilateral cash settlement performed in settlement currency
Procedure	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

<u>RULE 1565.</u> <u>Commodities – Fixed/Floating</u> <u>Strip Gulf Coast Jet Fuel</u>

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets)
	combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The
	strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.
Reference	NYMEX NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts)
Commodities	Up-Down Futures Contract
Contracts on	Gulf Coast Jet Fuel
Reference	- VALLE COMPLETE INC.
Commodities	
Settlement Currency	Currency in which payments are made between the two counterparties:
	• USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Overting Convention	Notional amount per striplet, as agreed by counterparties
Quoting Convention and Minimum	Notional amount per surpret, as agreed by counterparties
Increment	
Minimum Size	Notional amount per striplet, as agreed by counterparties
	Currency in which the fixed and floating prices are quoted:
Notional Currency	USD USD
	<u>EUR</u>
	• GBP
	• CAN
	<u>• JPY</u>
	• CHE
	<u>● BRL</u>
	• PLN
	• SEK
	• KRW
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified for
	either the strip or the underlying striplets.
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range
	the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.
Trade Date	The date on which parties enter into the contract
Settlement Date(s)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement
	for each constituent striplet in the strip or overall settlement on the total strip
<u>Settlement</u>	Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent striplet
Procedure	in the strip or overall settlement on the total strip
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03

RULE 1566. Commodities – Date Spread Gulf Coast Jet Fuel

Contract	A commodity data annual contract is a cash sattled agreement between two counterments a whereby are a counterments.
Contract	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty
<u>Overview</u>	agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the
	quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated
D 4	futures contracts over a calculation period of a given reference commodity.
Reference	NYMEX NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts)
Commodities	<u>Up-Down Futures Contract</u>
Contracts on	• CME Gulf Coast Jet Fuel Futures Contract
Reference	
<u>Commodities</u>	
<u>Settlement</u>	<u>Currency in which payments are made between the two counterparties:</u>
<u>Currency</u>	• <u>USD</u>
	<u>• EUR</u>
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	• PLN
	• SEK
	• KRW
Quoting	Notional amount, as agreed by counterparties
Convention	Total and agreed by counterparted
and Minimum	
Increment	
Minimum Size	Notional amount, as agreed by counterparties
Notional Currency	Currency in which payments are made between the two counterparties:
ivolonal Currency	USD
	• EUR
	• GBP
	• CAN
	• JPY
	• CHF
	• BRL
	<u>PLN</u>
	<u>● SEK</u>
	• KRW
<u>Trading</u>	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second
Conventions	<u>leg must be selling, for instance.</u>
<u>Calculation</u>	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference
Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.
<u>Trade Date</u>	The date on which counterparties enter into the contract
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged
<u>Settlement</u>	Bilateral cash settlement performed in settlement currency
<u>Procedure</u>	
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.
Speculative Limits	As set forth in Part 151 of the CFTC Regulations
Reportable Levels	As set forth in CFTC Regulation 15.03
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<u>RULE 1567.</u> <u>Commodities – Option Gulf Coast</u> <u>Jet Fuel</u>

Contract Overview Commoditive applian contract is a such as feel a green male between these consumptations shorted your scaling for an achy contingenty the right but not obligation to prox receive a freed present state grates precuring a commodity and conversely to receive or pay. the floating current market prize per unit of a commodity and conversely to receive or pay. the floating current market prize per unit of a commodity and conversely to receive or pay. the floating current market prize per unit of a commodity or the contract per unit of a commodity or an applicable future contract per unit of a commodity under the expiration date or a few of the Calculation Period of the option is at a single pre-defined point in time. Dylion Type		
strike price per unit of a commodity and conversely to receive or pay, the floating current market price per unit of a commodity or a given specific flutter date. The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable finites contract over a calcitation period of a given reference commodity. Practic Pate: Ondian NUE Trade Date: Ondian NUE An Accordance of the flutter contract in the commodity of the commodity of the price of an applicable finites contract on the commodity and the critical precidence point in the commodity of the commodity of the commodity and the critical precidence point in the commodity of the commodity when the commodity of the commodities of the contract of the commodities of the commodit	Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in
Commodities		exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed
The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable future contract over a calculation price of a gave reference commodity. Trade Date Option Style American Liveopean APC American Liveopean APC An European unfolton may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in maximum and the option of the option in the option for the option in the option of the option opti		strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
Industry and the pure sent in the southers of the pure of the pure of the control		commodity on a given specific future date.
Option Style		The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
Option Style		futures contract over a calculation period of a given reference commodity.
### A Furropean option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. **A nature option of the other hand may be exercised at any time before the expiration date. **A nature of the expiration date is the end of the Calculation Period of the option **Description** **Put Call option—the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period of the option. **Put Call option—the right to period of price per unit of a commodity and pay the floating market price per unit of the commodity over the period of the option perminant paid to period of the option of the price per unit of the commodity over the period of the option perminant paid to period of the option of the period of the option perminant paid to period of the option of the period of the option perminant paid to period of the option of the option of the option of the period of the option of t	Trade Date	The date on which parties enter into the contract
### A Furropean option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in time. **A nature option of the other hand may be exercised at any time before the expiration date. **A nature of the expiration date is the end of the Calculation Period of the option **Description** **Put Call option—the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period of the option. **Put Call option—the right to period of price per unit of a commodity and pay the floating market price per unit of the commodity over the period of the option perminant paid to period of the option of the price per unit of the commodity over the period of the option perminant paid to period of the option of the period of the option perminant paid to period of the option of the period of the option perminant paid to period of the option of the option of the option of the period of the option of t	Option Style	American / European / APO
Imp. An American option on the other hand may be exercised at any time before the expiration date at the ord off the Calendarion Period of the potton Purify (Purify)		
An American option on the other hand may be exceeded at any time before the expiration date.		
An Average Price Option (APD) (Also known as an average value or "Asian" appion) may only be exercised at the end of the Catellation Period of the option Option Type		
The expiration date at the end of the Calculation Period of the option		
Option Type		
Call option — the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the commodity over the period Option Side Buy or Sell, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip of the underlying stripts. Reference. Commodities Calculation Period A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price of the underlying commodity at which the investor can exercise used. Direction of the specified for either the strip of the underlying to the price of the commodities. Calculation Period A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Strike Price A greed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise un orthon. Papiration Time Rapiration Time Settlement Date Currency in which payments are made between the two counterparties. 1 Currency in which payments are made between the two counterparties. 1 Currency in which payments are made between the two counterparties. 1 Currency 1 Currency in which payments are made between the two counterparties. 2 Currency 3 Currency in which payments are made between the two counterparties. 2 Currency 3 Currency in which payments are made between the two counterparties. 2 Currency 3 Currency 4 Currency 4 Currency 5 Currency 5 Currency 5 Currency 5 Currency 5 Currency 5 Currency 6 Currency 7 Currency 7 Currency 8 Currency 8 Currency 8 Currency 8 Currency 8 Currency 8 Currency 9 C	O-4: T	
commodity over the period Per up option — the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodity over the period Option Side Bayer or Scale, which refers to whether or not the option premium is paid (buy) or received (cell). Direction can be specified for either the strip of the underlying striplets. Reference. Commodities Contracts on. Reference. Commodities Calculation Period A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Strike Price Expiration Date Expiration Time Expiration Time Expiration Time Premium Premium currency Premium currency Premium amount expressed in premium currency. Currency in which payments are made between the two counterparties. **USD **USD **Date on which premium amount is due. Quarting, in which payments are made between the two counterparties. **EVR** **Premium Date Quarting, in which payments are made between the two counterparties. **USD **Date on which premium amount is due. Quarting, in which payments are made between the two counterparties. **USD **Date on which premium amount is due. Quarting, in which payments are made between the two counterparties. **EVR** Premium Date Quarting, in which payments are made between the two counterparties. **EVR** Premium Date Quarting. Convention. and Minimum. Increment Minimum Size Notional amount, as agreed by counterparties Date on which premium amount is due. Currency in which payment is made USD Currency in which payment is made USD ERR** GBP CAN JPY CIFE BBL LED CAN JPY CIFE BBL LED CIFE BBL LED CAN JPY	Option Type	
Put option—the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the commodities		
Option Side Bay or SEd, which refers to whether or not the option premium is paid (buy) or received (sell). Direction can be specified for either the strip or the underlying striples. Beference Commodities Contracts on Reference Commodities Contracts on Reference Commodities Calculation Period A simple date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Strike Price Expiration Date Expiration Date Expiration Time Settlement Date Premium Premium amount expressed in premium currency Premium amount expressed in premium currency Premium Date Out of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Minimum Date Outed International Institution Minimum Size Notional amount, as agreed by counterparties Bilateral Bilateral Bilateral Date on which permium and is self-ment for the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Premium Date Outed International Institution of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Which is a part of the underlying commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. His price of the underlying commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. His price of the underlying commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. His price of the underlying commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. His price of the underlying commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. His price of the underlying commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. His price of the underlying commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. His price of the underlying commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. His price of the		
But or Sell, which refers to whether or not the option premium is paid they for received sells. Direction can be specified for either the strip of the underlying striplets. Reference		
Contracts on Reference		
Reference SYMMEN NY Harbor Ultra Low Sulfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Platts)	Option Side	
Reference NYMEX NY Harbor Ultra Low Salfur Diesel (ULSD) Futures Contract and NYMEX Gulf Coast Jet (Plaits) United States of the Commodities United States of the Coast Jet (Plaits) United		
Contracts on Reference Commodities		
Contracts on Reference		
Reference Commodities	Commodities	Up-Down Futures Contract
Control Date Calculation Period A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days. Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Expiration Date Date at which option contract expires. Settlement Date Premium Premium Premium amount expressed in premium currency. Currency in which payments are made between the two counterparties. USD FIUR GBP CAN JPY CUIF REMIUM PREMIUM DATE Premium Date Quoting Convention and Minimum Size Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Settlement. Procedure. Settlement. Currency USD Audional Unit Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement. Currency USD Currency in which the settlement payment is made Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement. Currency USD Currency in which the settlement payment is made USD EIR GBP Currency in which the settlement payment is made USD EIR GBP Currency in which the settlement payment is made USD EIR GBP Currency in which payments are made between the two counterparties USD EIR GBP Currency in which payments are made between the two counterparties in the barrels, metric tons, bushels, MMBTUs, etc. Settlement. Currency EIR GBP Currency in which payments are made between the two counterparties in the wind payment in	Contracts on	CME Gulf Coast Jet Fuel Futures Contract
A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference price will be averaged across all days.		
Strike Price Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Expiration Date Expiration Time Strikement Date Premium Premium Premium anount expressed in premium currency Premium currency LUSD EUR GPP CAN JPY CAN JPY CAN SEK Premium Date Onoting Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties Notional Unit Minimum Size Notional Init Minimum Size Notional amount, as agreed by counterparties Settlement Luit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Stetlement Currency LUSD Date on which premium amount is made Luit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Stetlement Currency LUSD EUR GPP Currency in which the settlement payment is made LUSD EUR GPP CAN JPY CIFF Blateral settlement performed in settlement currency Procedure EUR GPP CAN JPY CIFF BLA	Commodities	
Strike Price Strike Price Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option. Expiration Date Expiration Time Strikement Date Premium Premium Premium anount expressed in premium currency Premium currency LUSD EUR GPP CAN JPY CAN JPY CAN SEK Premium Date Onoting Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties Notional Unit Minimum Size Notional Init Minimum Size Notional amount, as agreed by counterparties Settlement Luit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Stetlement Currency LUSD Date on which premium amount is made Luit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Stetlement Currency LUSD EUR GPP Currency in which the settlement payment is made LUSD EUR GPP CAN JPY CIFF Blateral settlement performed in settlement currency Procedure EUR GPP CAN JPY CIFF BLA		A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
Strike Price Agreed upon inseption of the contract. The fixed price per unit of the underlying commodity at which the investor can exercise an option.		
Expiration Date Expiration Time Stritement Date Premium Premium Premium Premium amount expressed in premium currency Lurrency in which payments are made between the two counterparties. USD EUR GBP CAN IPY CHIE BRI PENIUM Date Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Settlement Minimum Size Notional Ibrit Settlement Minimum Size Notional Ibrit Settlement Procedure Settlement Currency Eurency in which payment is made Lurrency Expression and one of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Settlement Minimum Size Notional amount, as agreed by counterparties Notional Ibrit Settlement Procedure Settlement Currency in which the settlement payment is made LUSD EUR GBP CAN Bilateral settlement payment is made LUSD EUR GBP CAN BIR CUTTENCY Trading Hours Currency in which the settlement Time Clarring Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations.	Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
Expiration Date Expiration Time Settlement Date Premium Premium during various Premium currency		
Time at which option contract expires	Expiration Date	
Settlement Date Premium Premium amount expressed in premium currency		
Premium currency Premium currency Premium currency Currency in which payments are made between the two counterparties: USD EUR GBP CAN PY CIHP BRL PIN SEK KRW Premium Date Onoting Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Settlement Procedure Settlement Currency Settlement Currency Settlement Currency Unit in which the settlement payment is made USD EUR GBP CAN PY CAH SIBLET SETTLEMENT SETTLEMENT CURRENCY SETTLEMENT S		
Currency in which payments are made between the two counterparties: USD		
USD		
Fundamental Currency Bilateral Settlement Currency Currency Currency Currency Currency Currency Feding Hours Currency	1 remum currency	
GBP CAN DPY CHF BRL DPIN SEK KRW		
CAN PPY CHF		
Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Currency Settlement Currency Settlement Currency Currency in which the settlement payment is made USD EUR		
Premium Date Quoting Convention and Minimum Increment Minimum Size Settlement Procedure Settlement Currency Gurrency - Currency in which the settlement payment is made -		
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Premium Date Quoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Settlement Currency - CAN - JPY - CHF - BRL - PLN - SEK - KRW Trading Hours Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations Date on which premium amount is due Notional Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Surface Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Settlement Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Procedure Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made Uson Currency in which the settlement payment is made Uson Currency in which the settlement payment is made Uson Currency in which the settlement payment is made Uson Currency in which the s		• CHF
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Premium Date Ouoting Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Currency Currency Currency Currency Trading Hours Ouoting Abstein Part 151 of the CFTC Regulations Seculative Limits As set in Part 151 of the CFTC Regulations Notional Sunday Examples include barrels, metric tons, bushels, MMBTUs, etc. Settlement Currency Trading Hours Ouotinal amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Settlement Currency Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Settlement Currency USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency in which the settlement payment is made USD Currency Currency Currency Currency Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		
Date on which premium amount is due		
Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.	Premium Date	
Convention and Minimum Increment Minimum Size Notional amount, as agreed by counterparties		
and Minimum Increment		The state of the s
Increment Minimum Size Notional amount, as agreed by counterparties		
Minimum Size Notional amount, as agreed by counterparties		
Notional Unit Settlement Procedure. Settlement Currency Currency in which the settlement payment is made USD GBP CAN JPY CHF BRL PLN SEK KRW Trading Hours Clearing Venue Bilateral Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD GBP CAN JPY CHF BRL PLN SEK KRW Trading Hours Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		National amount, as agreed by counterparties
Settlement Procedure Settlement Currency Settlement Currency Settlement Currency Settlement Currency Settlement Currency Settlement Currency Settlement Settlement payment is made Settlement Settlement Settlement payment is made Settlement Settlement Settlement currency Settlement Settlement payment is made Settlement Settlement payment is made Settlement Settlement currency Settlement		Unit in which contract size on Paferance Commodities is everywhele he have been bushele MADTUs.
Settlement Currency in which the settlement payment is made		
Settlement Currency Currency in which the settlement payment is made • USD • EUR • GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		<u>Diractal Schiement performed in Schiement currency</u>
Currency ■ USD ■ EUR ■ GBP ■ CAN ■ JPY ■ CHF ■ BRL ■ PLN ■ SEK ■ KRW Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		Commercial which the cuttlement are sent in selections of
■ EUR ■ GBP ■ CAN ■ JPY ■ CHF ■ BRL ■ PLN ■ SEK ■ KRW Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Block Size Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		
□ GBP □ CAN □ JPY □ CHF □ BRL □ PLN □ SEK □ KRW Trading Hours □ 00:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations	Currency	
□ CAN □ JPY □ CHF □ BRL □ PLN □ SEK □ KRW Trading Hours □ 00:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		
Use a set in Part 151 of the CFTC Regulations ■ JPY ■ CHF ■ BRL ■ PLN ■ SEK ■ KRW Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		<u>● GBP</u>
Use a set in Part 151 of the CFTC Regulations ■ CHF ■ BRL ■ PLN ■ SEK ■ KRW ■ KRW Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		
■ BRL ■ PLN ■ SEK ■ KRW Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		• JPY
■ BRL ■ PLN ■ SEK ■ KRW Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		• CHF
PLN SEK KRW Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		
Trading Hours O0:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		● BRL
Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		
Trading Hours 00:01 -24:00 Sunday-Friday Eastern Time Clearing Venue Bilateral Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations		• <u>PLN</u>
Clearing Venue Bilateral		• PLN • SEK
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations	Trading Haves	• PLN • SEK • KRW
Block Size As set forth in Appendix F to Part 43 of the CFTC Regulations. Speculative Limits As set in Part 151 of the CFTC Regulations	Trading Hours	• PLN • SEK • KRW
Speculative Limits As set in Part 151 of the CFTC Regulations		<u>● PLN</u> <u>● SEK</u> <u>● KRW</u> 00:01 -24:00 Sunday-Friday Eastern Time
	Clearing Venue	PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
	Clearing Venue	PLN SEK KRW 00:01 -24:00 Sunday-Friday Eastern Time Bilateral
<u>Reportable Levels</u> As set in CFTC Regulation 15.03	Clearing Venue Block Size	PLN SEK KRW O0:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
	Clearing Venue Block Size Speculative Limits	SEK KRW O0:01 -24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations. As set in Part 151 of the CFTC Regulations

RULE 1568. Commodities – Fixed/Floating Swap/Cash Settled Forward NY ULSD

Contract	A fixed/floating swap contract is a cash settled agreement between two counterparties whereby one counterparty agrees to			
Overview	pay a fixed amount to the other counterparty on a given date, and in exchange the second counterparty will pay a floating			
	amount to the first counterparty on the same given date. The fixed amount paid is determined based on the notional quantity			
	traded and the price of the reference commodity. The floating amount paid is determined based on the notional quantity			
	and the price of an applicable futures contract based on the reference commodity over an agreed future calculation period.			
<u>Reference</u>	• NYMEX ULSD (Argus) Futures Contract			
Commodities				
Contracts on	CME NY ULSD Futures Contract			
Reference				
Commodities				
<u>Settlement</u>	Currency in which payments are made between the two counterparties:			
<u>Currency</u>	• USD			
	<u>EUR</u>			
	• GBP			
	• CAN			
	• JPY			
	• CHF			
	BRL BLN			
	• PLN			
	• SEK			
0	<u>• KRW</u>			
Quoting Convention	Notional amount, as agreed by counterparties			
and Minimum				
Increment				
Minimum Size	Notional amount, as agreed by counterparties			
Notional Notional	Currency in which the fixed and floating prices are quoted:			
Currency	• USD			
	• EUR			
	• <u>EUK</u> • GBP			
	• CAN			
	• JPY			
	• CHE			
	• BRL			
	PLN			
	• SEK			
	• KRW			
Trading_	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell)			
Conventions				
Calculation	Can be a single date or date range over which the reference price of the commodity will be calculated. If a date range the			
<u>Period</u>	reference price will be averaged across all days.			
<u>Trade Date</u>	The date on which counterparties enter into the contract			
Settlement Date	Specified settlement or payment date when the fixed payment amount and the floating payment amount are exchanged (can			
	be netted)			
<u>Settlement</u>	Bilateral cash settlement performed in settlement currency			
<u>Procedure</u>				
<u>Trading Hours</u>	00:01 -24:00 Sunday-Friday Eastern Time			
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.			
Speculative Limits	As set forth in Part 151 of the CFTC Regulations			
Reportable Levels	As set forth in CFTC Regulation 15.03			
Acportable Levels				

RULE 1569. Commodities – Fixed/Floating Strip NY ULSD

Contract Overview	A fixed/floating commodity strip contract is a series of individual fixed/floating commodity swaps (striplets)			
	combined into one instrument. These striplets can be specified for specific months or for a quarter or calendar year. The			
	strip is quoted as a weighted average fixed price of the underlying fixed/floating swaps.			
Reference	NYMEX ULSD (Argus) Futures Contract			
Commodities				
Contracts on	CME New York Ultra Low-Sulfur Diesel Futures Contract			
Reference	Child Fight Folk Class Down Switter Discover Contribute			
Commodities				
Settlement Currency	Currency in which payments are made between the two counterparties:			
	• USD			
	• EUR			
	• GBP			
	• CAN			
	• JPY			
	• CHF			
	• BRL			
	• PLN			
	• SEK			
	• KRW			
Quoting Convention	Notional amount per striplet, as agreed by counterparties			
and Minimum				
Increment				
Minimum Size	Notional amount per striplet, as agreed by counterparties			
Notional Currency	Currency in which the fixed and floating prices are quoted:			
	• USD			
	• EUR			
	GBP			
	• CAN			
	• JPY			
	• CHF			
	• BRL			
	• PLN			
	• SEK			
	• KRW			
Trading Conventions	Buy or Sell which refers to whether or not the fixed amount is paid (buy) or received (sell). Direction can be specified for			
	either the strip or the underlying striplets.			
Calculation Periods	Series of single dates or date ranges over which the reference price of the commodity will be calculated. If a date range			
	the reference price will be averaged across all days. Each striplet in the strip has one associated calculation period.			
Trade Date	The date on which parties enter into the contract			
Settlement Date(s)	Specified settlement or payment dates when the fixed/floating amounts are exchanged, with either individual settlement			
	for each constituent striplet in the strip or overall settlement on the total strip			
<u>Settlement</u>	Bilateral cash settlement performed in settlement currency, with either individual settlement for each constituent striplet			
<u>Procedure</u>	in the strip or overall settlement on the total strip			
Trading Hours	<u>00:01 -24:00 Sunday-Friday Eastern Time</u>			
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.			
Speculative Limits	As set forth in Part 151 of the CFTC Regulations			
Reportable Levels	As set forth in CFTC Regulation 15.03			

RULE 1570. Commodities – Date Spread NY ULSD

Contract	A commodity date spread contract is a cash settled agreement between two counterparties whereby one counterparty			
Overview Overview	agrees to pay a floating amount to the other counterparty on a given date, and then receive a different floating amount from			
OTCITICH	the other counterparty on a different, later date. The difference between the two floating amounts is the spread, which is the			
	quoted price for the contract. The floating amounts are based on the notional quantity traded and the price of designated			
	futures contracts over a calculation period of a given reference commodity.			
Reference				
Commodities	NYMEX ULSD (Argus) Futures Contract			
	COURT WILLIAM COLORS DE LES COLORS			
Contracts on	CME New York Ultra Low-Sulfur Diesel Futures Contract			
Reference				
Commodities				
<u>Settlement</u>	Currency in which payments are made between the two counterparties:			
<u>Currency</u>	• <u>USD</u>			
	<u>• EUR</u>			
	• GBP			
	• CAN			
	• JPY			
	• CHF			
	• BRL			
	• PLN			
	• SEK			
	• KRW			
Quoting	Notional amount, as agreed by counterparties			
Convention_	atomic anomy, as agreed by counterparties			
and Minimum				
Increment				
Minimum Size	Notional amount, as agreed by counterparties			
Notional Currency	Currency in which payments are made between the two counterparties:			
Nouonal Currency				
	• USD THE			
	• EUR			
	• GBP			
	• CAN			
	• JPY			
	• CHF			
	• BRL			
	• PLN			
	• SEK			
	• KRW			
Trading	Buy or Sell on the near leg and Buy or Sell on the far leg. These would be reversed so that if the first leg is buying the second			
Conventions	leg must be selling, for instance.			
Calculation	Two calculation periods – one for each leg of the spread. Each can be a single date or date range over which the reference			
Period(s)	price of the commodity will be calculated. If a date range the reference price will be averaged across all days.			
Trade Date	The date on which counterparties enter into the contract			
Settlement Date(s)	Specified settlement or payment date when the floating amounts are exchanged			
Settlement	Bilateral cash settlement performed in settlement currency			
Procedure				
Trading Hours	00:01 -24:00 Sunday-Friday Eastern Time			
Trading Hours	VV.VI 2-1.VV Juliany 1 Heavy Lastern 1 Hille			
Block Size	As set forth in Appendix F to Part 43 of the CFTC Regulations.			
DIOCK SIZE	ASSECTION OF A PARTICLE AND ALL TO THE CLARK TO THE CONTROL OF THE			
Speculative Limits	As set forth in Part 151 of the CFTC Regulations			
	As set forth in CFTC Regulation 15.03			
Reportable Levels	AS SET TOTAL III CF T C REGULATION 13.03			

RULE 1571. Commodities – Option NY ULSD

Contract Overview	A commodity option contract is a cash settled agreement between two counterparties whereby one counterparty agrees, in
	exchange for a cash premium, to offer another counterparty the right but not obligation to pay or receive a fixed pre-agreed
	strike price per unit of a commodity and conversely to receive or pay the floating current market price per unit of a
	commodity on a given specific future date.
	The floating market price per unit of the commodity is based on the notional quantity traded and the price of an applicable
	futures contract over a calculation period of a given reference commodity.
Trade Date	The date on which parties enter into the contract
Option Style	American / European / APO
	• A European option may be exercised only at the expiration date of the option, i.e. at a single pre-defined point in
	time.
	An American option on the other hand may be exercised at any time before the expiration date.
	• An Average Price Option (APO) (also known as an average value or "Asian" option) may only be exercised at
	the expiration date at the end of the Calculation Period of the option
Option Type	Put/ Call
Option Type	• Call option – the right to pay a fixed price per unit of a commodity and receive the floating market price per unit of the
	commodity over the period
	• Put option – the right to receive a fixed price per unit of a commodity and pay the floating market price per unit of the
	commodity over the period
0-4 6:1-	· · · · · · · · · · · · · · · · · · ·
Option Side	Buy or Sell, which refers to whether or not the option premium is paid
	(buy) or received (sell). Direction can be specified for either the strip
	or the underlying striplets.
Reference	NYMEX ULSD (Argus) Futures Contract
Commodities	
Contracts on	• CME New York Ultra Low-Sulfur Diesel Futures Contract
Reference	
Commodities	
Calculation Period	A single date or date range over which the reference price of the commodity will be calculated. If a date range the reference
	price will be averaged across all days.
Strike Price	Agreed upon inception of the contract. The fixed price per unit of the underlying commodity at which the investor can
	exercise an option.
Expiration Date	Date at which option contract expires
Expiration Time	Time at which option contract expires
Settlement Date	Settlement date of the option contract
Premium	Premium amount expressed in premium currency
Premium currency	Currency in which payments are made between the two counterparties:
Tremium currency	USD USD
	<u> </u>
	EUD
	<u>EUR</u>
	• GBP
	• GBP • CAN
	• GBP
	• GBP • CAN
	• GBP • CAN • JPY
	• GBP • CAN • JPY • CHF
	• GBP • CAN • JPY • CHF • BRL
	• GBP • CAN • JPY • CHF • BRL • PLN
Premium Date	• GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW
Premium Date Ouoting	• GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due
Quoting	• GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW
Quoting Convention	• GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due
Quoting Convention and Minimum	• GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due
Quoting Convention and Minimum Increment	• GBP • CAN • JPY • CHF • BRL • PLN • SEK • KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc.
Ouoting Convention and Minimum Increment Minimum Size	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties
Ouoting Convention and Minimum Increment Minimum Size Notional Unit	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc.
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure	Ocan JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	■ GBP ■ CAN ■ JPY ■ CHF ■ BRL ■ PLN ■ SEK ■ KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made ■ USD ■ EUR ■ GBP ■ CAN
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	■ GBP ■ CAN ■ JPY ■ CHF ■ BRL ■ PLN ■ SEK ■ KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made ■ USD ■ EUR ■ GBP ■ CAN
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL JPY CHF BRL PLN
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK BRL PLN SEK KRW
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK KRW O0:01 -24:00 Sunday-Friday Eastern Time
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours Clearing Venue	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Currency in which the settlement payment is made USD FUR GBP CAN JPY CHF BRL PLN SEK KRW 00:01-24:00 Sunday-Friday Eastern Time
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL PLN SEK KRW O0:01 -24:00 Sunday-Friday Eastern Time
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours Clearing Venue Block Size	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency Currency in which the settlement payment is made USD EUR GBP CAN JPY CHF BRL BRL PLN SEK KRW 00:01-24:00 Sunday-Friday Eastern Time Bilateral As set forth in Appendix F to Part 43 of the CFTC Regulations.
Ouoting Convention and Minimum Increment Minimum Size Notional Unit Settlement Procedure Settlement Currency Trading Hours Clearing Venue	GBP CAN JPY CHF BRL PLN SEK KRW Date on which premium amount is due Notional amount of the underlying commodity. Examples include barrels, metric tons, bushels, MMBTUs, etc. Notional amount, as agreed by counterparties Unit in which contract size on Reference Commodities is expressed in, i.e. barrels, metric tons, bushels, MMBTUs, etc. Bilateral settlement performed in settlement currency. Currency in which the settlement payment is made USD FUR GBP CAN JPY CHF BRL PLN SEK KRW 00:01-24:00 Sunday-Friday Eastern Time

Product Attribute Determination

When a single Fixed Rate Payer exists	Fixed Rate Payer. Otherwise, Reverse ASCII sort, first LEI/Entity ID	
All		Option Buyer
All	Reverse	ASCII sort, first LEI/Entity ID
All		Fixed Rate Payer
All	Reverse	ASCII sort, first LEI/Entity ID
All	Reverse	ASCII sort, first LEI/Entity ID
All		Fixed Rate Payer
When a single Fixed Rate Payer exists	Fixed Rate Payer. Other	wise, Reverse ASCII sort, first LEI/Entity ID
All		Fixed Rate Payer
All		Option Buyer
All	Reverse	ASCII sort, first LEI/Entity ID
All	Reverse	ASCII sort, first LEI/Entity ID
All		Fixed Rate Payer

Tiebreaker Logic

When the participant identifier tiebreaker is invoked the following processes will be used:

1a. Determining identifiers

When an entity has multiple entity identifiers ("IDs"), the following hierarchy will be used to determine which entity ID to use in the RP determination logic:

• LEI/CICI is used before DTCC GTR ID which is used before an AVOX ID which is used before any other identifier.

1b. Identifier Tiebreaker Logic Scenarios

- i. When both firms must have an LEI/CiCI then rank based on the two LEI/CICIs.
- ii. When one firm has an LEI/CICI and the other firm has a DTCC ID but does not have an LEI then rank based on the comparison of the LEI/CICI to the DTCC ID.

- iii. When one firm has an LEI/CICI and the other firm has an AVOX ID but does not have an LEI then rank based on the comparison of the LEI/CICI to the AVOX ID.
- iv. When neither firm has an LEI/CICI and both firms have a DTCC ID then rank based on the two DTCC IDs.
- v. When neither firm has an LEI/CICI and one firm has a DTCC ID and the other firm has only an AVOX ID then rank based on the comparison of the DTCC ID to the AVOX ID.
- vi. A firm will be the RP when that firm has a DTCC ID or LEI/CICI and the other has neither an LEI/CICI nor a DTCC ID nor an AVOX ID. Please note that in all cases the RP will have a DTCC ID and by extension will have an LEI/CICI.
- 2. Determining sort order of identifiers
 - LEI/CICI, DTCC GTR IDs, and AVOX IDs are comprised of characters from the following set {0-9, A-Z}.
 - For avoidance of doubt, before comparing IDs convert all IDs to UPPER CASE only.
 - For comparison basis the sort order will be reverse ASCII sort order. For avoidance of doubt the following are sort order of precedence:
 - Z, Y, X, W, V, U, T, S, R, Q, P, O, N, M, L, K, J, I, H, G, F, E, D, C, B, A, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0.
- 3. When comparing two IDs the RP will be the firm with the first ID in the list when sorted in reverse ASCII sort order.