



**SWAP EXECUTION FACILITY**

A Bloomberg Professional Service Offering

**BLOOMBERG  
SEF  
BSEF <GO>**

**Lead the Way With Our Complete Swaps  
Trading Solution**

**Bloomberg**

## **CONTENTS**

**02 BLOOMBERG SEF**

**02 OVERVIEW**

**02 BLOOMBERG SEF – TRADE WORKFLOW**

**03 BLOOMBERG SEF LANDING SCREEN**

**03 BLOOMBERG SEF EXECUTION METHODS FOR REQUIRED TRANSACTIONS**

**04 ORDER BOOK (MINIMUM TRADING FUNCTIONALITY)**

**04 REQUEST FOR QUOTE PROTOCOL (MINIMUM TRADING FUNCTIONALITY)**

**05 REQUIRED TRANSACTIONS & BLOCK SIZE**

**05 HCFTC RULE 37.9(B) – TIME DELAY REQUIREMENTS**

**06 BLOOMBERG SEF EXECUTION METHODS FOR PERMITTED TRANSACTIONS**

**06 PRE-TRADE CLEARING LIMIT CHECKS & LIQUIDITY CONTRIBUTION**

**06 FCM & CLEARING ACCOUNT SET-UP**

**07 CLEARING & REPORTING WORKFLOW**

**07 SDR REPORTING**

**08 BLOOMBERG SEF FOR PERMITTED TRANSACTIONS – FX**

**08 FX TIMELINES**

**08 CURRENT STATUS & ACTIVITY**

**08 FX REQUEST-FOR-QUOTE (RFQ) – NDF TRADING**

**09 FX OPTIONS RFQ PRICE**

**10 FAQ'S**

# BLOOMBERG SEF

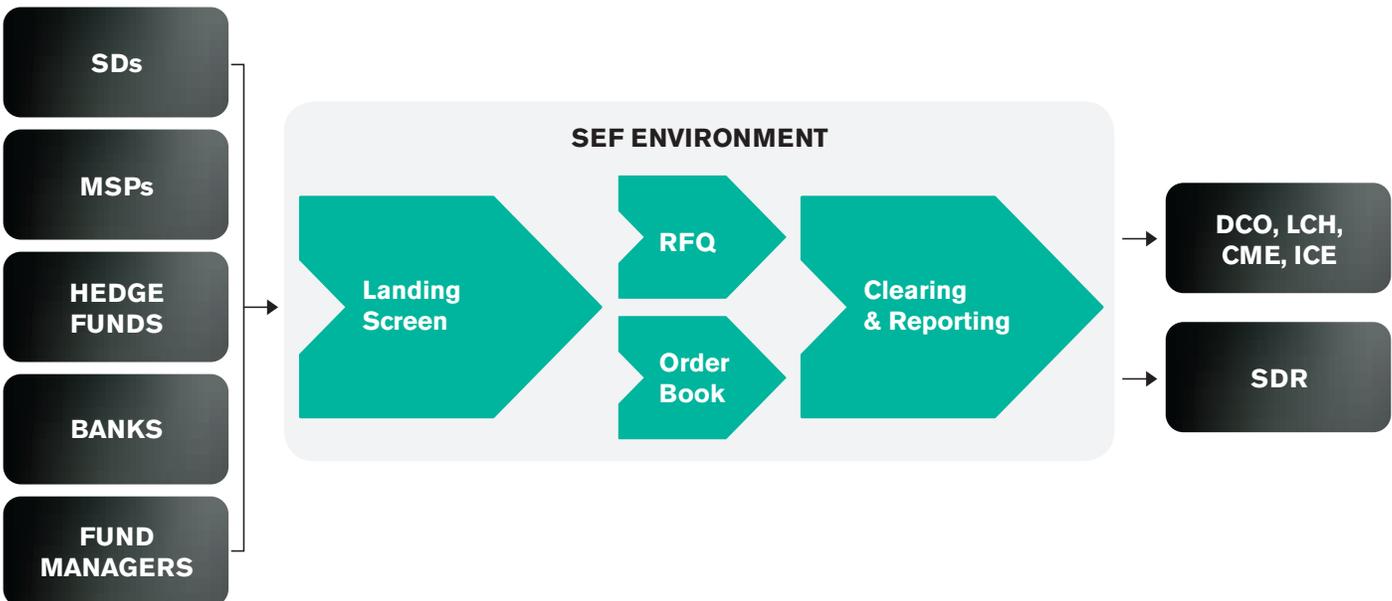
As the regulatory landscape evolves Bloomberg is fully committed in qualifying as a Swap Execution Facility and is fully engaged with the CFTC and SEC throughout the rule-making process.

## OVERVIEW

Bloomberg SEF LLC ("Bloomberg SEF") was the first Swap Execution Facility provisionally approved by the CFTC. It was launched on October 2, 2013 and supports Credit Default Swaps (CDS), Interest Rate Swaps (IRS), Foreign Exchanges (FX) and Commodity Derivatives. Bloomberg SEF is the market-leading Swap Execution Facility with participants actively trading Permitted Transactions.

Support of Required Transactions is pending a decision by the CFTC on various SEFs Made Available for Trading (MAT) submissions. Tentative timeline for MAT go-live is late February/early March 2014.

## BLOOMBERG SEF - TRADE WORKFLOW



## BLOOMBERG SEF LANDING SCREEN

Customers can navigate through Bloomberg SEF's multi-asset class SEF offering.

99) Feedback Bloomberg Swap Execution Facility

Trade Execution

1) BBTI Rates Trading      3) FXGO FX Trading  
2) DERV Credit Trading    4) CMET Commodity Trading  
5) SEFB Order Book

Sign Up Sales Contacts

10) ENFB Onboarding      US Jeff Missimer jmissimer@bloomberg.net  
11) Rule Book            Joe Guarino jguarino@bloomberg.net  
12) Participant Agreement    Europe Andrew Moreton amoreton6@bloomberg.net  
13) Administrator Authorisation Form    Howard Hoskin hhoskin@bloomberg.net  
14) Fee Schedule            Asia Richard Warrick rwarrick@bloomberg.net

SEF Information

20) Overview of SEF      23) Block Trades  
21) BSEF Volume Data    24) Swap Data Repositories  
22) Required Transactions    25) FAQ  
26) BSEF Participants

- 1 Participants navigate trading between different asset classes.
- 2 Access to Rule Books, and participation agreements.
- 3 Information about DCO connections, SDR connections and participants on the SEF.

## BLOOMBERG SEF EXECUTION METHODS FOR REQUIRED TRANSACTIONS

- » Bloomberg SEF LLC ("Bloomberg SEF") allows its participants to execute Required Transactions.
- » Required Transactions are swap contracts subject to mandatory clearing requirements that are "made available" for trading (MAT) by at least one swap execution facility ("SEF") or designated contract market on the Bloomberg SEF Order Book and RFQ screens.
- » In addition to giving its participants price transparency, Bloomberg SEF submits trades to a derivatives clearing organization (a "DCO").
- » Trades are also reported by Bloomberg SEF to a swap data repository (an "SDR").

## ORDER BOOK (MINIMUM TRADING FUNCTIONALITY)

- » Bloomberg SEF provides an Order Book where all participants can post firm bids and offers that are transparent to all other participants.
- » The Order Book displays the levels and sizes being posted. Participants are anonymous.
- » In order to either contribute or aggress on a firm price, the participant must either be a member of a DCO or have enough credit with its FCM for the trade to clear.
- » Participants are able to click on the price and that they choose and execute a trade in real-time.
- » Once trades are executed, both parties are informed of trade execution instantly. The Clearing & Reporting Workflows are automatically initiated (see description of Clearing & Reporting Workflow).

Time	CCP	Size	Bid	Ask	Size	CCP	Time
07:47	ICE	10MM	63.0275	63.0475	10MM	ICE	07:47
07:47	ICE	9MM	63.0225	63.0575	75MM	ICE	07:47
07:47	ICE	10MM	63.015	63.065	10MM	ICE	07:47
07:47	ICE	50MM	63.0075	63.0725	10MM	ICE	07:47
07:47	ICE	100MM	62.990	63.0925	50MM	ICE	07:47
07:47	ICE	75MM	62.990	63.110	10MM	ICE	07:47
07:47	ICE	100MM	62.975	63.1125	10MM	ICE	07:47

Clearing Houses: ICE (selected), CME, CMECE, ICEE, LCH, LCHUS. Demo Mode:

Security: MARKIT CDX.NA.IG.21 12/18. Refresh Ticket

Order Entry: SELL, 100 MM @ MKT, 0 FOK. Submit

Alloc Strat: Custom. Edit

Legal Entity: Bloomberg SEF Entity

- Participant can see anonymous truly firm levels posted in the order book.
- Participants can either aggress on a level or contribute directly into the order.
- Prerequisite for participation is FCM approval via Credit Limit check.

## REQUEST FOR QUOTE PROTOCOL (MINIMUM TRADING FUNCTIONALITY)

- » Bloomberg SEF allows participants to initiate a request for quote ("RFQ") to a mandatory minimum of two other participants.
- » A participant is not be able to submit an inquiry until they have selected at least two participants.
- » When a participant responds to an RFQ, they may indicate the period of time for which their response is good. Additionally, any firm resting bids or offers will be shown in parallel to the responses to an RFQ.
- » This will enable a participant to gain full pre-trade price transparency by combining the Order Book with the RFQ element of Bloomberg SEF.
- » Bloomberg SEF indicates the best price, but participants will choose the price and counterparty that they determine to be the best.
- » Once trades are executed, both parties are instantly informed of trade execution. Participants may receive those notifications electronically, via email or directly on their trading screens and blotters.informed of trade execution. Participants may receive those notifications electronically, via email or directly on their trading screens and blotters.

## REQUEST FOR QUOTE PROTOCOL (MINIMUM TRADING FUNCTIONALITY)

MARKIT CDX.NA.IG.21 12/18									
93 Suspend Sorting					92 Order Book		91 RFS		All Quotes
14:37:35 94 CCP Filter			99 Buy		90 Sell		97 Settings		
Time	Firm Name	CCP	BSz	Bid Spd	Ask Spd	ASz	CCP	Firm Name	Time
14:37	SwapTrader Comp	OTC		66.448 / 66.918			OTC	SwapTrader Comp	14:37
14:33	• Dealer D3	ICE	100	67.213 / 67.811		100	ICE	• Dealer D3	14:33
14:33	Dealer D9	OTC	100	67.211 / 67.813		100	OTC	Dealer D9	14:33
14:33	Dealer D8	OTC	100	67.210 / 67.814		100	OTC	Dealer D8	14:33
14:33	Dealer D10	OTC	100	67.209 / 67.815		100	OTC	Dealer D10	14:33
14:33	Dealer D7	OTC	100	67.207 / 67.817		100	OTC	Dealer D7	14:33
14:33	• Dealer D3	CME	100	67.206 / 67.818		100	CME	• Dealer D3	14:33
14:33	• Dealer D3	OTC	100	67.203 / 67.821		100	OTC	• Dealer D3	14:33
14:33	• Dealer D2	OTC	100	67.201 / 67.823		100	OTC	• Dealer D2	14:33

Activity Panel									
x INQUIRY: SELL protection CDX IG CDS1 S21 5Y									
Expire: 1:41 Detail Pass									
Notional	Dealer	Coupon	PTMMM	Spread	Cash Amnt	Cash Settlid	On	Status	
100 MM D2		100	100.4500	99.9780	-1,044.03	Pay	12/20/2013	Trade	Firm 0:02
100 MM D3		100	104.4500	100.1360	6,453.56	Rcv	12/20/2013	Trade	Firm 0:02
100 MM D1		100	102.4500	99.2260	.00	Rcv	12/20/2013	Trade	Sent Ack

SEF Order Book	Time	CCP	Size	Bid	Ask	Size	CCP	Time
	14:36	CME	10MM	66.73	66.74	50MM	CME	14:37

- Participant has chosen to receive an RFQ from 3 participants.
- Responses are shown. The best price is highlighted in green (bids) or red (offers). A participant can trade on any price.
- Resting bids and offers from Order Book.

## REQUIRED TRANSACTIONS & BLOCK SIZE

### Required Transactions

- » Bloomberg SEF maintains a listing of all Required Transactions.
- » All Required Transactions traded on Bloomberg SEF will be subject to mandatory methods of execution unless a Required Transaction is a block trade or one of the counterparties is claiming an “end-user” exemption (Order Book and RFQ). Block Trades

### Block Trades

- » Bloomberg SEF maintains a listing of block trade thresholds.
- » Required Transactions that fall below that threshold will be subject to mandatory methods of execution unless one of the counterparties is claiming an “end-user” exemption (Order Book and RFQ).
- » For Required Transactions that meet or exceed the block threshold, Bloomberg SEF will not enforce the use of the minimum trading functionality. Reporting to an SDR

### Reporting to an SDR

- » Bloomberg SEF reports all swap transactions executed on Bloomberg SEF to an SDR as soon as technologically practicable.

## HCFTC RULE 37.9(B) – TIME DELAY REQUIREMENTS

### Time delay requirement for required transactions on an order book:

- » Participants of Bloomberg SEF that are identified in Bloomberg SEF internal records as futures commission merchants or introducing brokers will not be able to click (aggress) on its own quotation unless the quotation has been exposed to other Bloomberg SEF participants for at least 15 seconds.

### Bloomberg SEF Rule 521 provides:

- » A Participant that is a broker or a dealer who seeks to execute against a Customer’s order or to execute two Customers against each other 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. The Participant must display one side of the transaction as a firm quote on the Order Book. If the Order is not executed by another Participant after 15 seconds, the Participant displaying one side of the transaction can execute the other side of the transaction against its own Order Book quote.

## BLOOMBERG SEF EXECUTION METHODS FOR PERMITTED TRANSACTIONS

- » Users of Bloomberg SEF are able to trade Permitted Transactions via Bloomberg SEF RFQ functionality as described as well is in the Order Book.
- » RFQ functionality for Permitted Transactions will not be subject to the minimum RFQ restriction, and users will be able to send an RFQ to any number of other users, including a single user.

## PRE-TRADE CLEARING LIMIT CHECKS & LIQUIDITY CONTRIBUTION

### Functionality Overview

- » Pre-trade clearing limit checks allows Bloomberg SEF to determine on a pre-trade basis that a particular FCM stands behind a particular trade on behalf of each of the participants.
- » This allows any SEF participant that is not clearing through a house account to contribute executable prices to the order book.
  - Bloomberg SEF supports the ability of FCMs to perform a pre-execution limit check against their clients.
  - Clients designate notional, swap contract and FCM on the electronic ticket.

- Bloomberg SEF “pings” the FCM using FpML over a FIX transport.
- FCMs perform the limit check using their own internal methods.
- FCMs respond to Bloomberg SEF with an acknowledgement/status.
- Bloomberg also supports a push model via CRMG <GO>. FCMs can store limits for their clients on this page. Prior to execution, the clients credit is checked and if the Nohtional/DV01 is within the limit, the trade proceeds.h

## FCM & CLEARING ACCOUNT SET-UP

- » Bloomberg SEF provides its participants with the ability to submit their swap trades to a DCO indicated in the swap contract specifications.
- » In order to clear trades executed on Bloomberg SEF, clients must set up their clearing information on Bloomberg SEF.

- » Bloomberg SEF participants will work with their FCM to set up their own clearing accounts on a set-up screen.

Actions		Export		Account - CCP ID Mapping						
10) Buyside	11) Dealer	12) Audit	13) Polling	14) Firm	15) Reference	16) PBs	17) FCM/PX	1/5		
Firm Num	Firm Name	Alloc Acct ID	CCP	FCM	Product	FCM Acct ID	CCP Firm ID	Model	CCP FCM Code	
1) 9001	BLOOMBERG/ 731	AC3	CME	BOA	CDS IRS	AC3	test	Agency		
2) 9001	BLOOMBERG/ 731	Alpha Fund	CME	BB	FX	CME NAME	alpha_fund_frc	Agency	FCM Shortname	
3) 9001	BLOOMBERG/ 731	BBGCUST1	CME	BB	IRS	BBGCUST1		Agency		
4) 9001	BLOOMBERG/ 731	BBGFUND1	CME	BB	CDS IRS	BBGFUND1	BBGFUND1	Agency	BBGFUND1	
5) 9001	BLOOMBERG/ 731	BBGFUND3	CME	BB	IRS	BBGFUND3	BBGFUND3	Agency	BBGFUND3	
6) 9001	BLOOMBERG/ 731	BLOOMBERGCU	CME	BB	IRS	BLOOMBERGCU		Agency		
7) 9001	BLOOMBERG/ 731	DARREN	CME	BB	CDS IRS	BBTEST	BBTEST	Agency	BBTEST	
8) 9001	BLOOMBERG/ 731	DARREN	ICE	BB	CDS IRS	TEST	TEST	Agency	TEST	
9) 9001	BLOOMBERG/ 731	DARREN	LCH	BB	CDS IRS	TEST	TEST	Agency	TEST	
10) 9001	BLOOMBERG/ 731	DECLAN	CME	BB	CDS IRS	TEST-CME-DE	bloomberg_tr	Agency		
11) 9001	BLOOMBERG/ 731	DEM01	CME	BB	IRS	BLOOMBERGCU		Agency		
12) 9001	BLOOMBERG/ 731	DEM01	CME	BB	IRS	TEST-BBGC1-		Agency		
13) 9001	BLOOMBERG/ 731	DEM01	CME	BB	CDS FX	TEST-CME-DE	bloomberg_tr	Agency	T	
14) 9001	BLOOMBERG/ 731	DEM01	CME	BBMO	IRS	TEST-BBGC2-	demo1	Agency		
15) 9001	BLOOMBERG/ 731	DEM01	CME	BBTE	CDS IRS	BBTETEST		Agency		
16) 9001	BLOOMBERG/ 731	DEM01	CME	BOA	IRS	A	A	Agency	A	
17) 9001	BLOOMBERG/ 731	DEM01	CME	MARKIT	CDS IRS	TEST-BBGC1-		Agency		
18) 9001	BLOOMBERG/ 731	DEM01	CME	MS	CDS IRS	TEST-1	bloomberg_tr	Agency	a	
19) 9001	BLOOMBERG/ 731	DEM01	CMECE	BB	IRS	234CCETEST2		Agency		
20) 9001	BLOOMBERG/ 731	DEM01	ICE	BB	CDS	ICETEST1		Agency	ICEDCM1	
21) 9001	BLOOMBERG/ 731	DEM01	ICE	BBTE	CDS	icetest1		Agency	icedcm1	

- 1 Screenshot of FCM and clearing set-up screen on CCPI <GO>.

## CLEARING & REPORTING WORKFLOW

- » Bloomberg SEF employs a separate clearing and reporting workflow. This workflow allows participants to view all their transactions, including detailed economics and an audit trail.
- » Trades are submitted to a DCO using the bespoke APIs offered by each DCO or a service provider connecting to a DCO.

- » Additionally, all statuses are reported back to Bloomberg SEF from the DCO. These statuses are available to the participant to digest on or off the BPS. These statuses will include FCM pick up, FCM reject, clearing house accept or reject/void, as well as Pending.

Actions		Client Allocation			
USSWAP5 2.1880 1/15/2019 @ 0.5948		Broker	BLOOMBERG D2 DEMO (D2)		
Identifier	SLH01QKA	Trade Date	1/13/2014		
BLOOMBERG/ 731 LEXINGTON		Eff. Date	1/15/2014		
Account Group	[Select Group]	Status	AllocSent		
Buyer	ADAM PERALTA	Seq No	12		
Buy	50,000,000	Balance	0 (0.00%)		
Amount Format	Amount	Amount Scaling	None		
Central Cpty.	CME				
Account	Amount	2 Buyside FCM	Buyside Status	Sellside Status	CME ID
Total					
DEM01	25,000,000	Bloomberg LP	Accepted	Accepted	TEST-BBGC1-I
DEM02	25,000,000	Bloomberg demo	Accepted	Accepted	TEST-BBGC4-I

- 1 Allocations.
- 2 FCM selection.
- 3 Participant can click on row to see more trade information, including an audit trail.
- 4 DCO and Clearing Status.

Workflow		Settings		Actions		Page 1/1 Fixed Income Blotter				
Intraday search										
IsSeffrd	Trade Dt	ExRegBlockSize	Status	CltrStatus	4 CCP	Currency	Side	Quantity	Customer	Security
Yes	01/13/14	No	AllocSent	Cleared	CME	USD	P	50,000,000	BLOOMBERG/ 731 LEXINGTC	USD SWAP VS 3M 5YR
				CCP Accepted				25,000,000		
				CCP Accepted				25,000,000		

## SDR REPORTING

97) Export to Excel		98) Settings		99) Feedback		SDR Trade Activity					
Source: DTCC (The Depository Trust & Clearing Corporation)						Period Today		As of 12/20 15:26			
1) Credit	2) Rates	3) FX	4) Comdty	5) Equity							
1) IRS	2) Cross-Currency	3) FRA	4) OIS	5) Exotic/Inflation Swaps		6) Options					
Type	Code	Effective	Maturity	Rate 1	Leg 1	Rate 2	Leg 2	Curr	Not. (MM)	Clr	Trade Time
1. IRS Fix-Float	TE	06/10/11	06/10/14	4.40000	FIXED	3.00000	USD-LIBOR-BBA	USD	1	U	15:19:55
2. IRS Fix-Float	TR	12/24/13	12/24/43	3.77817	FIXED	0.00000	USD-LIBOR-BBA	USD	25	C	15:18:48
3. IRS Fix-Float	TR	12/12/13	11/30/18	1.52631	FIXED	0.00000	USD-LIBOR-BBA	USD	57	C	15:16:16
4. IRS Fix-Float	TR	12/12/13	11/30/18	1.52631	FIXED	0.00000	USD-LIBOR-BBA	USD	110	C	15:15:11
5. IRS Fix-Float	TR	12/12/13	11/30/18	1.58362	FIXED	0.00000	USD-LIBOR-BBA	USD	29	C	15:14:02
6. IRS Fix-Float	TR	12/24/13	12/24/23	2.95364	FIXED	0.00000	USD-LIBOR-BBA	USD	50	C	15:13:26
7. IRS Fix-Float	TR	12/12/13	11/30/18	1.54000	FIXED	0.00000	USD-LIBOR-BBA	USD	54	C	15:12:57
8. IRS Fix-Float	TR	12/24/13	12/24/23	2.95181	FIXED	0.00000	USD-LIBOR-BBA	USD	50	C	15:12:07
9. IRS Fix-Float	TR	12/10/13	11/30/18	1.58362	FIXED	0.00000	USD-LIBOR-BBA	USD	82	C	15:12:05
10. IRS Fix-Float	TR	12/10/13	11/30/18	1.58362	FIXED	0.00000	USD-LIBOR-BBA	USD	160	C	15:11:06
11. IRS Fix-Float	TR	12/24/13	12/24/43	3.79000	FIXED	0.00000	USD-LIBOR-BBA	USD	39	C	15:11:00
12. IRS Fix-Float	TR	12/20/16	12/20/36	4.13500	FIXED	0.00000	CAD-BA-CDOR	CAD	39	U	15:10:33
13. IRS Fix-Float	TR	12/24/13	12/24/14	0.31400	FIXED	0.00000	USD-LIBOR-BBA	USD	60	U	15:10:33
14. IRS Fix-Float	TR	12/24/13	12/24/15	0.46000	FIXED	0.00000	USD-LIBOR-BBA	USD	30	U	15:10:33
15. IRS Fix-Float	TR	12/24/13	12/24/16	0.81500	FIXED	0.00000	USD-LIBOR-BBA	USD	20	U	15:10:33
16. IRS Fix-Float	TR	12/24/13	12/24/18	1.68500	FIXED	0.00000	USD-LIBOR-BBA	USD	12	U	15:10:33
17. IRS Fix-Float	TR	12/24/13	12/24/20	2.36000	FIXED	0.00000	USD-LIBOR-BBA	USD	2	U	15:10:33
18. IRS Fix-Float	TR	12/24/13	12/24/28	3.44500	FIXED	0.00000	USD-LIBOR-BBA	USD	80	C	15:10:32
19. IRS Fix-Float	TR	12/24/13	12/24/20	2.36000	FIXED	0.00000	USD-LIBOR-BBA	USD	150	C	15:10:29
20. IRS Fix-Float	TR	12/24/13	12/24/43	3.77461	FIXED	0.00000	USD-LIBOR-BBA	USD	25	C	15:09:56
21. IRS Fix-Float	TR	12/18/13	11/30/18	1.58366	FIXED	0.00000	USD-LIBOR-BBA	USD	55	C	15:09:20
22. IRS Fix-Float	TR	12/24/13	12/24/16	0.82000	FIXED	0.00000	USD-LIBOR-BBA	USD	25	C	15:09:02

- » Bloomberg SEF will report all trades executed on Bloomberg SEF to an SDR.
  - » SDR publicly disseminated trade information is available on SDR <GO>.
- 1 Trade execution timestamp.

## BLOOMBERG SEF FOR PERMITTED TRANSACTIONS – FX

- » In the FX space, 'Swaps' (NDFs and FX Options) without mandatory clearing and SEF execution requirements, are classified as permitted transactions.
- » Under the CFTC interpretation of RFQ trading as 'Many to Many', Bloomberg's RFQ and RFS solutions for permitted transactions involving U.S. persons has to operate within Bloomberg SEF LLC ("Bloomberg SEF").
- » RFQ functionality for permitted transactions are not subject to the minimum RFQ restrictions, and users are able to send an RFQ to any number of other users, including a single user.
- » Bloomberg FXGO has been a longstanding and successful RFQ trading franchise which currently includes NDFs and FX Options and forms the basis of the Bloomberg SEF solution for FX.

## FX TIMELINES

- » SEF trading for permitted 'Swaps' began on October 2nd.
- » NDF clearing mandate is not expected before mid 2014.
- » FX options clearing presents issues surrounding the physical delivery of the underlying and so no firm timeline is in place. Expectations are that options will not be centrally cleared before 2015.

- » Following any clearing mandate, FX 'Swaps' will be required to trade on SEFs subject to being 'Made Available to Trade' (MAT).
- » The 'MAT' process is expected to take roughly 90 days depending on whether the SEF self-certifies the 'swap' or seeks CFTC approval.
- » This makes mandated trading on Swap Execution Facilities for FX unlikely before Autumn 2014 at the earliest.

## CURRENT STATUS & ACTIVITY

- » Bloomberg SEF is cleared for FX in many jurisdictions to support trading and liquidity provision for U.S. persons globally.
- » We are one of the only Multi Asset SEFs in operation with trading active from an FX perspective in both NDFs and Options.
- » All Major banks are signed up to provide liquidity.
- » Key buy-side clients have joined the platform underlying the value to them of multilateral trading.
- » Bloomberg SEF is currently working under time limited relief for SEF confirmations and swap data reporting.

## FX REQUEST-FOR-QUOTE (RFQ) – NDF TRADING

A seamless transition between regulated and non-regulated instruments in our familiar RFQ environment.

- 1 Trader enters SEF environment.
- 2 Structure 'swap' and non-swap instruments within the same pricing ticket.
- 3 When Trading on the Bloomberg SEF, counterparty banks will be restricted to SEF registered entities
- 4 Clear visual designation of SEF environment for price taker and maker.

## FX OPTIONS RFQ PRICE

Bloomberg SEF supports pricing and trading of multi-leg products—FX Options and Bunched Trades.

USD/IDR Vanilla

<b>SEF Environment</b> <input type="radio"/> Yes <input checked="" type="radio"/> No		<b>Strategy</b> Vanilla		<b>Style</b> European	<b>Account</b> - enter account name -
<b>Direction</b> 2-Way	<b>Trade Date</b> 08-Jan-14	<b>Portfolio</b> - enter portfolio name -			
<b>Pair</b> USDIDR Offshore	<b>Premium</b> IDR	<b>Notes</b>			

<b>Delta Hedge</b>	B/S	USD	0.00	<b>Premium Date</b>	10-Jan-14
<b>Hedge Terms</b>	No Hedge / Spot Premium				

Leg	Strike (Delta)	Expiry	Cut Off	Notional
1. S/B	USD Call 12338 (48.5%)	08-Apr-14	NY 10:00	USD 1,000,000.00

Reference	Leg1 Vol (%)	Premium (IDR)		Mid Premium
	Bid Ask	Bid	Ask	(IDR)
Delivery 10-Apr-14				
Spot 12183		---	---	
Points 155.00	BGAS	ACKED	ACKED	
Forward 12338.00	BGFF			
USD Depo 0.240%	BGSP			
IDR Depo 5.333%				
Delta 48.5070%				
Hedge USD 485,070.29				

Cancel Request

SEF: USD/IDR Vanilla from KEITH CLEARY <[SEF-US] Bloomberg Lexington Avenue, New York IB

<b>Strategy</b> Vanilla	<b>Style</b> European	<b>Account</b>
<b>Direction</b> 2-Way	<b>Trade Date</b> 08-Jan-14	
<b>Pair</b> USDIDR Offshore	<b>Price</b> IDR PIPS	<b>Notes</b>

<b>Delta Hedge</b>	B/S	USD	0.00	<b>Premium Date</b>	10-Jan-14
<b>Hedge Terms</b>	No Hedge / Spot Premium				

Leg	Strike (Delta)	Expiry	Cut Off	Notional
1. S/B	USD Call 12338 (48.5%)	08-Apr-14	NY 10:00	USD 1,000,000.00

Reference	Vol (% ref only)	Price (IDR PIPS)	
	Bid Ask	Bid	Ask
Leg 1			
<b>Total Premium</b>	IDR	0.00 P	0.00 R

Copy Ticket
Decline
Drop Ticket
Send Px
OVIIL

- 1 Price Taker within Bloomberg SEF environment.
- 2 Bloomberg SEF supports linked ('swap'/'non-swap') products—Option and Spot Hedge.
- 3 Price Maker notification of SEF trade request.

## FAQ'S

### » **Do I need separate middleware?**

No. Bloomberg feeds directly to CCPs and SDRs and retrieves all statuses back directly however, if users elect to use an alternative middleware for the submission of allocations on bunched orders, that is permitted.

### » **Will AEPs and MPFs remain in place?**

AEPs & MPFs will remain in place for normal order and inquiry trades SEFs are required to also offer an Order Book so Bloomberg has created the additional TRULY FIRM feed which is in FIX 5.0

### » **How will the MPF price feed, single dealer pages change?**

Single dealer pages won't change at all & neither will existing MPFs. The Truly Firm feed will be assigned its own pricing code (XDF) and dealers will control who views the prices via the PVF function.

### » **How will AEP protocol change?**

The Truly Firm feed can be assigned a separate new Broker Code or share an existing AEP broker code. If dealers choose a separate broker code then customers will be enabled separately using ENAB (There will be a "Truly Firm" field added) for the new broker code and their existing AEP will remain unchanged. All the Truly Firm trades will be stored on the Bloomberg trade blotter (FAXM) under their own Broker code & indicated as Truly Firm.

### » **Can a price provider choose to use an existing AEP?**

If dealers choose to share an existing AEP then customers will have to be enabled for the additional "Truly Firm" field on ENAB and regular trades down their existing AEP will not be given sequential sequence numbers as the trade numbering will be shared between both the AEP & Truly Firm flows. All the Truly Firm trades will be stored on the Bloomberg trade blotter (FAXM) along with the AEP Broker code trades but they will be indicated as Truly Firm.

In FAXM we use the trade type column, it can have the following values: Inquiry, Order then Truly Firm Order

### » **For the new FIX Order based platform (RE: FIX Interface Guide for the Bloomberg ALLQ Truly Firm)— how does this sit wrt on-boarding and existing MPF/AEP?**

Please refer to previous answers.

### » **How do identifiers work on that compared to the MPF/AEP?**

The Truly Firm feed will use Red Pairs & Tenors for CDS and Bloomberg tickers for IRS.

### » **What restrictions are placed on price providers for the order based platform? e.g. connection times. Will the support for different clearing venues change ?**

Bloomberg SEF is available 24/5. Support for Clearing Venues will be the same as it currently is and then expand as necessary.

### » **How will any existing client tiering change?**

Truly Firm allows per CCP pricing but not client tiering. Client based tiering will still be available for non-truly firm quotes on SEF (e.g via MPF and AEP)

### » **Can we continue to have 2 different broker codes for size tiering?**

Yes, you can.

### » **Are there any regional differences between NYC and LDN ?**

Trading on the SEF will be based upon security & counterparty eligibility.

### » **Are there any specific requirements to send orders via that platform e.g. time of day/BA width?**

None.

### » **Who do I talk to for more information?**

**U.S.** – jmissimer@bloomberg.net, jguarino@bloomberg.net

**Europe** – amoreton6@bloomberg.net, hhoskin@bloomberg.net

**Asia** – rwarrick@bloomberg.net

**ABOUT THE BLOOMBERG PROFESSIONAL® SERVICE**

The founding vision in 1982 was to create an information services, news and media company that provides business and financial professionals with the tools and data they need on a single, all-inclusive platform. The success of Bloomberg is due to the constant innovation of our products, unrivalled dedication to customer service and the unique way in which we constantly adapt to an ever-changing marketplace. The Bloomberg Professional service is a powerful and flexible tool for financial professionals—whatever their needs—in cash and derivatives markets as diverse as equities, currencies, commodities, money markets, government and municipal securities, mortgages, indices, insurance and legal information. The Bloomberg Professional service seamlessly integrates the very best in real-time data, news and analytics.

In addition, Bloomberg users benefit from on-demand multimedia content, extensive electronic trading capabilities and a superior communications platform. Bloomberg customers include influential decision makers in finance, business and government. Business and financial professionals recognize the Bloomberg Professional service as the definitive tool for achieving their goals because it offers unparalleled assistance and functionality on a single platform for a single price.



<b>BEIJING</b> +86 10 6649 7500	<b>FRANKFURT</b> +49 69 9204 1210	<b>LONDON</b> +44 20 7330 7500	<b>NEW YORK</b> +1 212 318 2000	<b>SÃO PAULO</b> +55 11 3048 4500	<b>SYDNEY</b> +61 2 9777 8600
<b>DUBAI</b> +971 4 364 1000	<b>HONG KONG</b> +852 2977 6000	<b>MUMBAI</b> +91 22 6120 3600	<b>SAN FRANCISCO</b> +1 415 912 2960	<b>SINGAPORE</b> +65 6212 1000	<b>TOKYO</b> +81 3 3201 8900