Currency Derivatives Segment
Market Operations - Trading Department

Circular No.: MSEI/CDS/TRD/4523/2016 September 19, 2016

New Version Release of Trading Software (11.6.13) in Currency Derivatives Segment

In terms of provisions of the Rules, Bye-Laws and Regulations of the Exchange, members are notified as under.

Pursuant to successful completion of mock trading, MSEI TWS 11.6.13 and MSEI Member Admin 11.6.13 will be implemented in live environment of Currency Derivatives Segment with effect from Monday, September 26, 2016.

Members are requested to take note of the following:

- The new version of trading software (MSEI TWS 11.6.13 and MSEI Member Admin 11.6.13) can be downloaded from SFTP server (Extranet) after 6.30 pm on Friday, September 23, 2016.
- The new version of trading software should be installed only after end of market hours on Friday, September 23, 2016 after completion of all daily activities like taking the online back-up, trade report, etc. for the day.
- CTCL users should use CTCL software Non FIX API version 11.15 and FIX API version 11.26, w.e.f. Monday, September 26, 2016.
- The file formats (Version 1.9.13) will have the exchange name change from MCX-SX to MSEI.
- Procedures for downloading and installation of new trading software are specified in **Annexure 1.**
- The features of the new trading software are specified in **Annexure 2.**
- **This is a compulsory download release for trading software as well as THRU setup. Hence, members are, once again, requested to install the new version to ensure uninterrupted trading from Monday, September 26, 2016.**
- The Exchange system would be available for login from 7:00 am onwards on September 26, 2016.

For any clarifications, contact Customer Service on 022-61129010 or send an email to customerservice@msei.in.

For and on behalf of
Metropolitan Stock Exchange of India Limited

Shalini Rebeiro
Sr. Manager

Annexure 1

Procedure for downloading and installation of the new version of trading software, MSEI TWS 11.6.13 and MSEI Member Admin 11.6.13.

a) Users can download setup from SFTP (Extranet) Server using address https://192.168.125.209 the **COMMON\SETUP\Version 11.6.13** for downloading through VSAT/Lease Line and https://sftp.msei.in for downloading through Internet to the members system. Files can be downloaded any time through Internet or can be downloaded through VSAT / Leased Line on Friday, September 23, 2016 after Trading hours.

b) Install VC++Redistributable 2008 on the system.

c) Double click **MSEITWSCLIENT11.msi**. It will install the MSEI Trader Workstation Live for Version 11.6.13.

d) Double click **MSEIMEMADMIN11.msi**. It will install new MSEI Member Administrator Live for Version 11.6.13.

e) **DOT Net Framework 4.5.2 Setup available at https://sftp.msei.in is required to be updated by all trading members along with TWS/MAT setup**

f) Following steps are to be followed by Members after installation of TWS / MAT

i. For VSAT mode of connectivity

After installation start TWS / MAT and follow below mentioned steps:

- Go to Tools → System configuration
- Member using THRU needs to select "**THRU**" in Mode of Connectivity. Other members need to select "**Dedicated**".
- Select Market Data Updates as "**Normal**".
- If Member is using THRU, enter THRU machine IP address in "Host IP Address" under Interactive settings. THRU machine IP address is same as entered in THRU configuration – "Client Network Interface"
- Click on Modify.
- System will set the configuration as entered / selected and TWS / MAT will be closed.
- Start TWS / MAT and login to the live environment of MSEI Currency Derivatives.

ii. For Leased Line mode of connectivity

After installation start TWS / MAT and follow below mentioned steps:

- Go to Tools → System configuration
- Member using THRU needs to select "**THRU**" in Mode of Connectivity. Other members need to select "**Dedicated**".
- Select Market Data Updates as "**Normal**".
- If Member is using THRU, enter THRU machine IP address in "Host IP Address" under Interactive settings. THRU machine IP address is same as entered in THRU configuration – "Client Network Interface"
- Click on Modify.
- System will set the configuration as entered / selected and TWS / MAT will be closed.

Registered Office: 4th Floor, Vibgyor Towers, Plot No. C - 62, Opp. Trident Hotel, Bandra Kurla Complex, Bandra East, Mumbai 400098.
Tel: +91-22-6112 9000 | Fax: +91-22-6112 9009 | customerservice@msei.in | www.msei.in
CIN: U65999MH2008PLC185856

- Start TWS / MAT and login to the live environment of MSEI Currency Derivatives.

iii. Internet users:

Kindly use the URL https://trading.msei.in for SSL VPN login.

After installation start TWS and follow below mentioned steps:

- Go to Tools → System configuration
- Select Mode of Connectivity as “**Internet**”
- After selection click on Modify
- System will set the configuration as selected and TWS will be closed.
- Start TWS and login to the live environment of MSEI Currency Derivatives.

Annexure 2

Functionalities and Features in the Version 11.6.13:

1. **Additional Functionalities in MAT**
   The following additional facilities have been provided to the Members in MAT viz.:
   a) Real time writing of OI Violation and OI / Margin / MTM Alert messages
   b) Auto upload of Trade Confirmation File

   As and when alerts / violation messages related to margin / MTM / open interest limits are generated in respect of a member, apart from displaying these messages in the respective windows of the member admin terminal, a facility is introduced whereby these messages are written in a file. To enable a member's Risk Management system fetch the file, an option to select appropriate checkbox(es) is provided.

   Path: Member Admin→Tools→Preferences→Local Paths

   This will enable the member to obtain the file from the defined path. The file formats are provided in Annexure 2A.
   Further, apart from the existing manual upload of confirmation of CP trades by a clearing member by way of trade confirmation file through member admin terminal, a facility is introduced whereby the file will be auto uploaded by the system when it is kept at a specified location. The file format remains the same as applicable for manual upload.

2. **Self-Match Prevention Functionality (SMPF)**
   SMPF prevents order matching between a buy order & a sell order entered by a member for same client code in the same order book. In SMPF, system will restrict to match counter side order which is initiated from same TM id-User ID-CTCL ID-Client code combination. System will reject the counter side already existing passive order. SMPF shall be applicable in case of limit, market and triggered stop loss orders in Normal and Post Close sessions.

3. **Extreme Loss Margin (ELM)**
   Presently, only span margin is applied to trading members intraday, whereas both SPAN margin and ELM are applicable to the clearing member. With the introduction of this functionality, SPAN and ELM margin shall be applicable at trading member level as well as clearing member level on real time basis.

4. **FIX and non-FIX versions**
   CTCL software Non FIX API version 11.15 and FIX API version 11.26 are applicable to CTCL users.

5. **File name change**
   The file formats (version 1.9.13) as per circular No. MSEI/IT/4119/2016 dated May 4, 2016 will have the name change from MCX-SX to MSEI.

Annexure 2A

1. FORMAT OF MARGIN ALERTS

File Name: MSEI_MA_YYYYMMDD.csv

S No	Field Name	Field Size	Remarks
1	Last Update Time	Datetime	This will contain the last update time
2	Member/CP ID	Varchar (15)	This will contain Member/CP ID
3	Member / CP Name	Varchar (40)	This will contain Member/CP Name
4	Type	Varchar (15)	This will contain the type of margin alert from among the following • Margin • MTM
5	Alert %	Numeric (5,2)	This will contain the Alert % level
6	Limit	Numeric (20,4)	This will contain Margin / MTM Limit
7	Limit Utilized	Numeric (20,4)	This will contain Margin / MTM Limit utilized
8	Limit Utilized %	Numeric (5,2)	This will contain Margin / MTM Limit utilized %

2. FORMAT OF OI VIOLATION

File Name: MSEI_OI Violation_YYYYMMDD.csv

S No	Field Name	Field Size	Remarks
1	Last Updated Time	DateTime	This will contain the last Update Time
2	U/L Product Type	Varchar (15)	This will contain U/L product Type from among the following • U/L Product • U/L Assets • Segment • Product
3	U/L Product	Varchar (50)	This will contain the U/L Product.
4	U/L Asset	Varchar (13)	This will contain the U/L Asset.
5	Segment	Varchar (7)	This will contain the Segment.
6	Product	Varchar (60)	This will contain the Product like FUTCUR USDINR 28OCT2016
7	Limit Category	Varchar (25)	This will contain the Limit category from among the following: • Market • Member • Member bank • Main Participant

			• Sub Participant • OWN • Client • All Client • Constituent Client • Constituent Member • Constituent Member Bank
8	Business Category	Varchar (10)	This will contain the Business category from among the following: • FII (Foreign Institution Investor) • DFI (Domestic Financial Institution) • MF (Mutual Funds) • INS (Insurance Company) • BNK (Banks) • NBF (Non-Banking finance Company) • DCB (Domestic Corporate Body) • OCB (Overseas Corporate Body) • PMS (Portfolio Management Services) • NRI (Non Residential Indian) • PDO (Person of Domestic origin) • OI (Overseas Investors) • OTH (Others) • DID (Domestic Individual) • FID (Foreign Individual) • NPS (National Pension Scheme) • FPI1 (Foreign portfolio 1 Govt) • FPI2 (Foreign Portfolio 2 Regulated) • FPI3 (Foreign Portfolio 3 Non-Marginable) • FPI3M (Foreign Portfolio 3 Marginable)
9	Member / CP ID	Varchar (16)	This will contain the Member/CP ID
10	Client	Varchar (16)	This will contain the Client Code
11	Reserved	Varchar (15)	Reserved
12	OI Qty. Limit	Varchar (25)	This will contain the OI Qty. Limit
13	OI % Limit	Varchar (25)	This will contain the OI % Limit
14	Effective OI Limit	Varchar (25)	This will contain the derived Effective OI Limit
15	Actual OI Qty.	Varchar (25)	This will contain the Actual OI Qty.
16	Actual OI %	Varchar (25)	This will contain the Actual OI Qty.
17	Status	Varchar (15)	This will contain the following status • Violated • Revoked
18	Highest OI Qty.	Varchar (25)	This will contain the Highest OI Qty.
19	Highest OI Time	DateTime	This will contain the Highest OI Time

Registered Office: 4th Floor, Vibgyor Towers, Plot No. C - 62, Opp. Trident Hotel, Bandra Kurla Complex, Bandra East, Mumbai 400098.
Tel: +91-22-6112 9000 | Fax: +91-22-6112 9009 | customerservice@msei.in | www.msei.in
CIN: U65999MH2008PLC185856

20	Messages	Varchar (257)	This will contain the Message.

3. FORMAT OF OI ALERTS

File Name: MSEI_OI Alerts_YYYYMMDD.csv

S No	Field Name	Field Size	Remarks
1	Last Updated Time	DateTime	This will contain the last Update Time
2	U/L Product Type	Varchar (15)	This will contain U/L product Type from among the following • U/L Product • U/L Asset • Segment • Product
3	U/L Product	Varchar (50)	This will contain the U/L Product.
4	U/L Assets	Varchar (13)	This will contain U/L Assets.
5	Segment	Varchar (7)	This will contain the segment.
6	Product	Varchar (60)	This will contain the Product like FUTCUR USDINR 28OCT2016
7	Limit Category	Varchar (25)	This will contain the Limit Category from among the following: • Market • Member • Member bank • Main Participant • Sub Participant • OWN • Client • All Client • Constituent Client • Constituent member • Constituent Member Bank
8	Business Category	Varchar (10)	This will contain the Business category from among the following • FII (Foreign Institution Investor) • DFI (Domestic Financial Institution) • MF (Mutual Fund) • INS (Insurance Company) • BNK (Banks) • NBF (Non-Banking finance Company) • DCB (Domestic Corporate Body) • OCB (Overseas Corporate Body) • PMS (Portfolio Management Services)

			• NRI (Non Residential Indian) • PDO (Person of Domestic origin) • OI (Overseas Investors) • OTH (Others) • DID (Domestic Individual) • FID (Foreign Individual) • NPS (National Pension Scheme) • FPI1 (Foreign portfolio 1 Govt) • FPI2 (Foreign Portfolio 2 Regulated) • FPI3 (Foreign Portfolio 3 Non-Marginable) • FPI3M (Foreign Portfolio 3 Marginable)
9	Member / CP ID	Varchar (16)	This will contain the Member/CP ID
10	Client	Varchar (16)	This will contain the Client Code
11	Reserved	Varchar (15)	Reserved
12	Alert Level	Smallint	This will contain the Alert Level i.e. 1,2,3 or 4
13	Alert %	Numeric (5,2)	This will contain the defined Alert % for the respective Alert Level
14	Utilized Alert %	Numeric (20,2)	This will contain the Utilized Alert %
15	Message	Varchar 256	This will contain the Message