Mock Trading from Disaster Recovery Site (DRS)

In terms of provisions of the Rules, Bye-Laws and Regulations of the Exchange, members of the Exchange are notified that the Exchange shall be conducting mock trading session on **Saturday, May 18, 2024.**

Members are requested to actively participate in the Mock Trading Session from all trading software.

Schedule for Mock Trading from DR Site:

Session	Time
Special Session	**11:55 am – 11:59 am**
Mock trading timing	**12:00 pm – 02:00 pm**
Client code modification session	**02:00 pm – 02:05 pm**

Members may please note that trades resulting from mock trading on May 18, 2024 will not attract any obligation for pay-in and payout.

Members may note that participation on Saturday, May 18, 2024 mock is available through existing leased line connectivity to DR site. Members connecting via internet (with RSA) may participate in this mock trading using their live (existing) SSL VPN ids through SSL VPN link https://trading.mcxindia.com.

Trading Members and Vendors are requested to note that the Exchange is in the process of implementing Encryption/Decryption for interactive messages in Trading Interface.

Members using CTCL facility are requested to actively participate in the mock trading session using CTCL software as per Trading interface – MCX Enhanced Trading Interface (ETI) API version 1.4.1 dated April 29, 2024 and FIX API version 1.4 dated April 29, 2024.

The connectivity details for Mock Trading session of trading platform are provided in **Annexure 1**.

Exchange is providing updated version of MCX Trade Station (MTS) and Member Control Station (MCS) with Encryption/Decryption for interactive messages in Trading Interface. It is compulsory for members' to download and manually install the new version of MTS & MCS to participate in the Mock.

Once Mock is completed members are requested to uninstall the encrypted version of MCS & MTS. Install Live version of MCS & MTS from SFTP Common/CDPLiveSetup and verify the connectivity during re-login session.

Procedure to download and install The MCX Trade Station (MTS) and Member Control Station (MCS), has been mentioned in **Annexure 2.**

Members are requested to note that, there is a change in default password policy for MTS & MCS for trading interface details as follows:
Default password

- If new user is created or password is reset, then default password will be set as **Mcx@ddmm**. For example, if password for user id 1234 is reset on 20th August 23, then default password would be Mcx@2008, upon successful login system will immediately ask for password change, which can be set as per user choice as per password guideline.

- Member can use their existing password for login MCS and MTS during MOCK sessions. **Password change during MOCK sessions will be valid for next Live trading session.**

- *Member can reset MTS terminal password through MCS application.*

Password Guidelines
- Passwords should be a minimum of 8 characters
- Passwords should be a maximum of 12 characters
- Passwords should contain both Upper Case and Lower Case characters (e.g.: a-z, AZ)
- The password should include digits and special characters (e.g.: 0-9, !@#$%^&*()_+|~-=\`{}[]:";'<>?,./)
- Password history is minimum 6 passwords, hence you cannot set new password which is used in last 6 times.

MCXCCL – eClear portal access (BaNCS)

Members (Trading and Clearing members) can login to the interface for participating in mock session using URL – https://mock-eclear.mcxccl.com/Bancs/

- Clear the browser cache and add above URL alone in your favorites (Don't include any additional parameters in above URL, while adding into the favorites)"
- Members connecting over internet to eClear portal are required to use RSA SecureID as a multi-factor authentication technology that is used to protect application/network services (refer MCXCCL Circular No. MCXCCL/TECH/145/2023 dated: Jun 07, 2023).

<u>SFTP login:</u>

<u>https://sftp.mcxindia.com, Live URL will be available for member to take download of back office, hence members are advised not to place mock related files on live SFTP server.</u>

Members should put in place adequate mechanism to restore their trading systems to production state at the end of mock session to ensure integrity of their trading system.

Members may please note that trades resulting from mock trading will not attract any obligation for pay-in and payout.

After the mock trading session, members are requested to log-in into live environment from **04:00 pm to 04:30 pm on May 18, 2024** to check the connectivity in order to avoid any log-in problem on the next trading day in the live environment.

Members are requested to take note of the same.

For and on behalf of
Multi Commodity Exchange of India Ltd.

Radheshyam Yadav
VP - Technology

Encl: As above

Kindly contact Customer Service Team on 022 – 6649 4040 or send an email at customersupport@mcxindia.com for any clarification.

Annexure 1

Trading Interface - Connectivity details for Disaster Recovery Site (DRS)

Trading Interface – Interactive					
Particulars	IP address	MTS/MCS TCP Port	CTCL TCP Port	Algo TCP Port	FIX TCP Port
Host lookup	192.168.73.61	19006	19106	19206	19306
Gateway-1	192.168.73.48	19006	19106	19206	–
Gateway-2	192.168.73.49	19006	19106	19206	19306
Gateway-3	192.168.73.50	19006	19106	19206	19306
Gateway-4	192.168.73.51	19006	19106	19206	–

Encryption Gateway Details					
Particulars	IP address	MTS/MCS TCP Port	CTCL TCP Port	Algo TCP Port	FIX TCP Port
Host lookup	192.168.73.61	19406	19506	19506	19606
Gateway 5	192.168.73.84	19406	19506	19506	19606
Gateway 6	192.168.73.85	19406	19506	19506	19606

Distribution Server IP address	TCP Port	Description
192.168.73.53	19081	Distribution server 1
192.168.73.54	19081	Distribution server 2

Market Data			
Particulars	IP address	UDP Port	Description
Trading Market Data - Market Data Interface (MDI)			
MDI	239.255.71.3	19096	High Frequency Market Data
Enhanced Market Data Interface (EMDI)			
Gold - Stream 1	239.255.71.10	19088 19090	(Incremental) (Snapshot)
Silver, Agri – Stream 2	239.255.71.14	19088 19090	(Incremental) (Snapshot)
Energy – Stream 3	239.255.71.18	19088 19090	(Incremental) (Snapshot)
Base Metal – Stream 4	239.255.71.22	19088 19090	(Incremental) (Snapshot)
Enhanced Order Book Interface (EOBI) – Tick-by-Tick Market Data (TBT)			
Gold – Stream-1	239.255.71.4	19088	(Incremental)
	239.255.71.5	**19090**	**(Snapshot)**
Agri – Stream-2	239.255.71.6	19088	(Incremental)
	239.255.71.7	**19090**	**(Snapshot)**
Silver – Stream-3	239.255.71.8	19188	(Incremental)
	239.255.71.9	**19190**	**(Snapshot)**
Energy –	239.255.71.26	19288	(Incremental)

Stream-4	**239.255.71.27**	**19290**	**(Snapshot)**
Base Metals – Stream-5	239.255.71.28	19388	(Incremental)
	239.255.71.29	**19390**	**(Snapshot)**
Index stream	239.255.71.30	19080	–

Note:

- Enhanced Market Data Interface (EMDI) and Tick-by-Tick Market Data (EOBI/TBT) are applicable only for Members using Point to Point (P2P) Leased Line
- EMDI multicast will be configured only on EOBI/TBT enabled point to point links.

Route addition

Members having leased line are requested to add persistent routes of below mentioned IP pool in their respective trading servers/ desktops having multiple NIC (Network Interface card). Please note the routes are required to be added in the trading servers/ desktop with multiple NIC and members trading through leased line only.

IP pool	Subnet mask	Gateway
192.168.73.0	255.255.255.0	MCX Leased line router IP address
192.168.71.0	255.255.255.0	
192.168.61.0	255.255.255.0	
192.168.63.0	255.255.255.0	

Steps for downloading files for participating in Mock Trading:

- MTS installation guide is available on **https://sftp.mcxindia.com** (file name MTS_Installation_Guide_V.1).

- Those members who are willing to participate in MOCK with encrypted version of MTS & MCS, It is Mandatory for them to manually install the new version kept on SFTP server. Please note existing MTS & MCS version will not be automatically updated to this new version.

  - **MTS- V14.0.2.92**
  - **MCS- V14.0.2.72**

  Members should compulsory follow below steps:

  1) Uninstall the previously installed Production MTS and MCS setups from the machine.

  2) Go to C > Program Files (x86) > Tata Consultancy Services > MCX-Trade Station (MTS) folder and delete all files/sub folders from this folder.

  3) Go to C > Program Files (x86) > Tata Consultancy Services > MCX-Member Control Station(MCS) folder and delete all files/sub folders from this folder.

  4) Go to App Data > Local > select both MCX_MTS 140000 and MCX_MCS 141000 and delete both folders.

  5) Setup will be available on SFTP (https://sftp.mcxindia.com) within respective members Download folder after *May 17th ,2024 market hours.*

  6) Download the setups and Install both newly downloaded MTS and MCS setups.

- Members are required to unzip installable file "**MTS_Encrypted_14.0.2.XX**.Zip" and BroadcastRTDSetup.Zip for mock

  - to install **The MCX Trade Station (MTS) TCSBANCS Securities Trading-INDIA(TWS).msi** to install **BroadcastRTDSetup.msi.**

  - Member are required to unzip installable file "**MCS_ Encrypted _14.0.2.XX**.Zip" for mock

  - to install **Member Control Station (MCS) MCX Member Control Station (MCS).msi** for mock

- Post installation of MTS software as per above mentioned guidelines, Members are also required to compulsorily update the same using guidelines mentioned in the 'MCX Member Trading Station (MTS) - Auto-Update Manual' which is also available in Common/Setup/MockSetup/Encryption folder in the SFTP (Extranet) Server on https://sftp.mcxindia.com

- CTCL Contract Master for mock kept in the ***Common MockSetup*** folder in the SFTP (Extranet) Server using **https://sftp.mcxindia.com** for downloading through Internet to the members system. Files can be downloaded any time through Internet.

- Members using MTS facility and having specific local firewall access rules need to ensure that access to IP Address should be enabled at their end for seamless connectivity to Exchange trading system.

- It is recommended to whitelist software which may hinder seamless broadcast dissemination for the machines on which MTS and MCS applications are installed

- Members are requested to auto update MTS and MCS applications or uninstall and install latest application available on sftp as mentioned in circulars.

- Ensure Admin Access is provided to installation path (C:\Program Files (x86)\Tata Consultancy Services)

- The "Load Script File From Local Path" option should always be unchecked by default.

- **Recommended Hardware & Software requirement for installation of MTS & MCS as follows:**

  - **Hardware**

Machine Model	Intel i7
Memory	Recommended - 8 GB
Screen Resolution	1366 X 768
Available Disk Space	4 GB Free Disk Space
Operating System	Microsoft Windows 10
Dot net framework 4.7	Microsoft website (Dot net framework 4.7)

  - **Software**

Dot net framework 4.7	Free	Microsoft website (Dot net framework 4.7)
FarPoint --- 12.45.20193.0	Licensed (Included within TWS setup)	Grapecity official website