Circular no.: MCX/CTCL/101/2025 February 21, 2025

Trading Interface - Test Environment

In terms of provisions of the Rules, Bye-Laws and Business Rules of the Exchange and in continuation to Exchange circular no. MCX/CTCL/365/2022 June 21, 2022, MCX/CTCL/320/2024 dated May 16, 2024 and MCX/CTCL/281/2024 dated April 30, 2024. Members of the Exchange are notified as under:

The Exchange provides Test Environment for testing of trading interfaces (APIs) namely Enhanced Trading Interface (ETI), EMDI (Enhanced Market Data Interface, Market Data Interface (MDI) & EOBI (Enhanced Order Book Interface) for the development and testing member's/vendor's applications.

The connectivity details for the trading interface - Test Environment - are enclosed herewith in Annexure 1.

The above mentioned APIs (Application Programing Interface) have been released through various circulars and APIs are also available on MCX website the URL link is: https://www.mcxindia.com/technology/ctcl/new-trading-interfaces.

In case of any queries or clarification, trading members/vendors are requested to get in touch with the following contact details:

- Email - ctcl@mcxindia.com
- Phone: +91 22 – 6649 4040 / 6731 8888

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

Denny Paul
AVP - 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

Connectivity Details for trading interface - Test Environment

Trading Interface – Interactive				
Particulars	**IP address**	**MTS/MCS TCP Port**	**CTCL TCP Port**	**Algo TCP Port**
ETI Gateway	192.168.195.11	19006	-	19206
ETI Gateway	192.168.195.13	19006	-	19206
ETI Gateway	192.168.195.12	19006	19106	-

Market Data			
Particulars	**IP address**	**UDP Port**	**Description**
Trading Market Data - Market Data Interface (MDI)			
MDI	239.255.73.2	19095	High Frequency Market Data
Enhanced Market Data Interface (EMDI)			
EMDI – Stream 1	239.255.73.10 239.255.73.11	19088 19089	(EMDI – Incremental) (EMDI - Snapshot)
EMDI – Stream 2	239.255.73.12 239.255.73.13	19088 19089	(EMDI – Incremental) (EMDI - Snapshot)
Enhanced Order Book Interface (EOBI) – Tick-by-Tick Market Data (TBT)			
EOBI Stream-1 Gold	239.255.73.4 239.255.73.43	19088 19190	(Incremental) (Snapshot)
EOBI Stream-2 Silver	239.255.73.5 239.255.73.44	19188 19290	(Incremental) (Snapshot)
EOBI Stream-3 Metal	239.255.73.6 239.255.73.41	19288 19090	(Incremental) (Snapshot)
EOBI Stream-4 Energy	239.255.73.7 239.255.73.42	19388 19091	(Incremental) (Snapshot)
EOBI Stream-5 Agri	239.255.73.8 239.255.73.45	19488 19390	(Incremental) (Snapshot)

Note:

- Test market environment shall be available to all registered members (developing software in house), Empaneled vendors and Application Service Providers.
- Members shall be allowed to connect Test environment using a dedicated leased line or through VPN (Virtual private network).
- Test environment will be available from 09:30 AM to 07:30 PM (from Monday to Friday). The test market shall not be available on Trading/Public holidays, Saturdays & Sundays. In case of any queries or assistance please call: 022 - 6649 4040 or e-mail on mcxcustomersupport@mcxindia.com.
- The Exchange shall endeavor to provide the test market environment on best efforts basis.