

# National Stock Exchange of India Limited

## Circular

| Department: CAPITAL MARKET SEGMENT |                      |
|------------------------------------|----------------------|
| Download Ref No: NSE/CMTR/61302    | Date: March 22, 2024 |
| Circular Ref. No: 43/2024          |                      |

All Members,

Live trading sessions from Disaster Recovery (DR) site

The Exchange shall be conducting trading sessions (Mock & Live) from its Disaster Recovery (DR) site. The schedule for the same is given below:

| Date                                   | Trading sessions | Location & Configuration | Schedule & Instructions      |
|----------------------------------------|------------------|--------------------------|------------------------------|
| March 23, 2024                         | Mock Trading     | Disaster Recovery (DR)   | Annexure 1, 2 & 3            |
| March 26, 2024<br>to<br>March 28, 2024 | Live Trading     |                          | As per normal market timings |
| April 01, 2024                         | Live Trading     | Primary site             |                              |

Further, pursuant to Exchange circular no. [NSE/CMTR/61293](#) dated March 22, 2024 regarding "Introduction of T+0 rolling settlement cycle in Capital Market segment", members are requested to note that the functional changes due to implementation of T+0 settlement shall be available for testing in this mock session 1. Separate security file shall be provided which will include T+0 securities for testing (refer Annexure 2 for details).

Important instructions for members:

- Kindly participate actively in the mock trading session to check the connectivity and to avoid login problems in live trading sessions from DR site.
- Members are requested to note that the Exchange Contingency Tests shall be carried out between 2:45 PM to 03:15 PM for mock trading on Saturday, March 23, 2024. Members are requested to plan their activities accordingly.

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- For connecting to Primary/DR site, no changes in NEAT Adapter settings are required. Settings of live session as of Friday March 22, 2023 in NEAT Adapter shall be retained to connect to all the above sessions of Primary/DR site.
- Refer to Exchange circular download ref no NSE/MSD/59984 dated December 28, 2023 & NSE/MSD/45703 dated September 15, 2020 for Interactive Connectivity Parameters.
- The Connect2NSE and Extranet facility will not be available for members (Timings are applicable to Leased Line/ Internet)
  - From 05:00 am to 10:00 am and 06:00 pm to 10:00 pm on Saturday, March 23, 2024
  - From 03:00 am to 06:00 am on Friday, March 29, 2024
- Lease-line members are requested to connect to below mentioned IP address for Extranet facility from March 26, 2024 to March 28, 2024.
  - Extranet - <https://172.19.125.70/extranet-api/>
  - C2N-172.19.125.70
- For LIVE trading on March 26, 2024, in Capital Market (CM), members should consider & download the master files generated by Exchange at EOD as below:

| File Name                       | File download date | Location            |
|---------------------------------|--------------------|---------------------|
| security.gz                     | March 22, 2024     | /Common/NTNEAT      |
| participant.gz                  |                    |                     |
| NSE_CM_security_22032024.csv.gz |                    |                     |
| cm_contract_stream_info.csv     |                    | /common/tbt_masters |

- Co-location facility and Multicast Tick by Tick (MTBT) feed shall be available. MTBT feed will be available on the same Production IP's. There will not be any change in the IP's for accessing MTBT feed for the mock.
- In Live trading session conducted from DR site, orders from colocation shall be routed from the main site to the BCP site. Similarly, the dissemination shall be done from the BCP/DR site to the colocation racks in the main site.
- Latencies experienced by Colo Participants will be different on Disaster Recovery/BCP day as compared to a normal trading day.
- New/revised announcements with respect to mock trading on March 23, 2024 to live trading on March 26, 2024 to March 28, 2024 and if any, shall be available on the website [www.nseindia.com](http://www.nseindia.com).

For and on behalf of  
National Stock Exchange of India Limited

# National Stock Exchange of India Limited

Aarti Surve  
Chief Manager

|                          |                                                  |
|--------------------------|--------------------------------------------------|
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## Annexure – 1

### Advisory for members subscribing to Multicast Tick By Tick Feeds (MTBT)

- Kindly note that the MTBT data broadcast being on UDP, there can be occasional drops in the broadcasts provided by the Exchange due to the same. It is an expected behaviour.
- If any such packet loss observed for MTBT broadcasts, members can request to fetch the missed packet through TBT Recovery mechanisms in place.
- Members are requested to refer the API's for MTBT, wherein we have provided the tuning parameter for receiving MTBT as well as guidelines for recovery.
- As mentioned in the API, the Tick Data feed is available on two separate Multicast Channels (Source 1 and Source 2) for each Stream on active-active basis. On one multicast channel the feed is delayed and lagging behind the other feed. Please refer the circular no. [58099](#) dated August 25, 2023 for details regarding the Source 1 and Source 2 multicast IP and port.
- It is recommended that the end user application should subscribe to both multicast channels for each stream and receives the data from both the channels in active-active manner. This needs to be done to ensure that data loss is minimized for the receiving applications as there is a possibility of data loss in multicast protocol.
- If the end user application misses any tick data from both the active-active channels it can recover the ticks by sending recovery requests to recovery server on TCP. The recovery requests are served from file stored in recovery server. Due to this factor, there is a lag / delay in the tick data from recovery servers, as compared to direct multicast feed.

## Annexure – 2

Schedule and Important instructions for Mock trading session on Saturday, March 23, 2024 – New version of NEAT+ 7.6.8

Members are requested to note that the functional changes due to implementation of T+0 settlement shall be available for testing in the mock trading session -1.

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Please note that below securities shall be made available for testing under “T0 series” in the mock trading session-1:-

| Symbol     | Security Name             | Series | ISIN         |
|------------|---------------------------|--------|--------------|
| CCL        | CCL PRODUCTS (I) LTD      | T0     | INE421D01022 |
| EASEMYTRIP | EASY TRIP PLANNERS LTD    | T0     | INE070001026 |
| HAPPYFORGE | HAPPY FORGINGS LIMITED    | T0     | INE330T01021 |
| KTKBANK    | KARNATAKA BANK LIMITED    | T0     | INE614B01018 |
| MAHSCOOTER | MAHARASHTRA SCOOTERS LTD  | T0     | INE288A01013 |
| MHRIL      | MAHINDRA HOLIDAYS LTD     | T0     | INE998I01010 |
| POWERMECH  | POWER MECH PROJECTS LTD.  | T0     | INE211R01019 |
| QUESS      | QUESS CORP LIMITED        | T0     | INE615P01015 |
| SOUTHBANK  | THE SOUTH INDIAN BANK LTD | T0     | INE683A01023 |
| TEGA       | TEGA INDUSTRIES LIMITED   | T0     | INE011K01018 |

Kindly note that the above T0 securities shall not be available after completion of mock on March 23, 2024. The applicable security.gz, NSE\_CM\_security\_23032024.csv.gz and cm\_contract\_stream\_info.csv files will be made available to trading members on the NSE Extranet (Path:/common/MOCK\_2/CM) on March 23, 2024 by 09:00 hours. Members participating in trading session -1 are advised to load the aforesaid files in the trading application before Mock trading on March 23, 2024.

| Saturday, March 23, 2024                                      | Start Time | End Time  |
|---------------------------------------------------------------|------------|-----------|
| Trading Session - 1                                           |            |           |
| Morning Block Deal Window                                     | 09:45 hrs  | 10:00 hrs |
| Pre Open Session*                                             | 10:00 hrs  | 10:08 hrs |
| Special Pre-Open Session*                                     | 10:00 hrs  | 10:45 hrs |
| Normal Market/Odd lot                                         | 10:15 hrs  | 11:30 hrs |
| Normal market open time for stocks in special preopen session | 11:00 hrs  | 11:30 hrs |
| T+0 Market                                                    | 10:15 hrs  | 11:15 hrs |
| Call Auction Illiquid session (1 session of 45 mins each)*    | 10:30 hrs  | 11:15 hrs |
| Auction Market                                                | 10:40 hrs  | 11:15 hrs |
| Closing Session                                               | 11:40 hrs  | 11:50 hrs |
| Trade Modification                                            | 10:15 hrs  | 11:55 hrs |

\*Random closure in last one minute

For mock trading session - 2, members should consider & download the master files generated by Exchange at EOD as below:

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| File Name                       | Location            | File download date |
|---------------------------------|---------------------|--------------------|
| security.gz                     | /Common/NTNEAT      | March 22, 2024     |
| participant.gz                  |                     |                    |
| NSE_CM_security_22032024.csv.gz |                     |                    |
| cm_contract_stream_info.csv     | /common/tbt_masters |                    |

| Saturday, March 23, 2024                                      | Start Time | End Time  |
|---------------------------------------------------------------|------------|-----------|
| Trading Session – 2**                                         |            |           |
| Morning Block Deal Window– Session 1                          | 13:45 hrs  | 14:00 hrs |
| Pre Open Session*                                             | 14:00 hrs  | 14:08 hrs |
| Special Pre-Open Session*                                     | 14:00 hrs  | 14:30 hrs |
| Normal Market/Odd lot                                         | 14:15 hrs  | 15:30 hrs |
| Normal market open time for stocks in special preopen session | 14:45 hrs  | 15:30 hrs |
| Call Auction Illiquid session (1 session of 45 mins each)*    | 14:30 hrs  | 15:15 hrs |
| Auction Market                                                | 14:20 hrs  | 14:45 hrs |
| Closing Session                                               | 15:40 hrs  | 15:50 hrs |
| Trade Modification                                            | 14:15 hrs  | 16:00 hrs |
| Re-Login time                                                 | 19:00 hrs  | 19:30 hrs |

\* Random closure in last one minute

\*\*Trading Session-2 shall be a clean session. Hence, orders and trades from trading session 1 shall not be available in trading session 2. The Multicast TBT, sequence number shall also start from “1” once trading starts for Trading Session-2. Members are requested to actively participate in all 2 trading sessions.

The Exchange shall be releasing new version of NEAT+ 7.6.8. The new version shall be available for download from March 22, 2024 EOD on NSE Extranet path: /common/NEATPlus768.

Login with the version NEAT+ 7.6.7 shall be discontinued from April 06, 2024.

Important instruction for members:

- Trades resulting from mock trading session on Saturday, March 23, 2024 shall not attract any obligation in terms of funds and/or securities pay-in and/or pay-out. Kindly do not transfer any data files for this session.
- Members are requested to note that NOTIS application shall be during mock trading session -2.
- With reference to Exchange circular NSE/ISC/51754 dated March 24, 2022 and NSE/ISC/52722 dated June 23, 2022 issued by Investor Services Cell and updated from time to time, only valid and compliant UCC / PAN uploaded by members before cutoff time in UCC system and approved by Exchange shall be available for trading in the mock session. In case of any queries for status of UCC and/or reporting, members may connect with UCI team. ([uci@nse.co.in](mailto:uci@nse.co.in))
- Unique Client Code (UCC) will not be validated for the Order entry during contingency time if any.

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- Members are requested to refer to circular reference no. NSE/MSD/46441 regarding Testing of software used in or related to Trading and Risk Management. Members may choose to participate either in Mock Trading Session or Simulated environment for fulfilling their regulatory requirements in accordance to SEBI circular no. SEBI/HO/MRD1/DSAP/CIR/P/2020/234 dated November 24, 2020.

### Annexure – 3

#### Pre-requisites / General guidelines for participating in the Mock environment.

All members eligible to trade in CM segment in live market are enabled for participating in the mock trading sessions with their existing user ids, IP and Box Id mapping that of the live environment. Accordingly, members are requested to ensure the following:

1. You are able to successfully telnet the Exchange host from the IP you wish to participate.
2. The Box ID with appropriate messages has been created on the IP in the respective segments you wish to participate.
3. In case you wish to participate via Non-NEAT frontend (NNF) applications, kindly ensure that the User Id is of type dealer, is converted for NNF and is mapped with the IP.
4. Members are required to set appropriate branch and / user limits from their corporate manager terminal in the respective segments, prior to placing orders in the Mock.
5. Members are requested to send requests via email pertaining to following activities with the details of User ID and segment for Exchange action only for the purpose of MOCK participation
  - a. Pro enablement
  - b. CTCL conversion (only dealer ID can be converted)
  - c. Password Reset for Corporate Manager user id
  - d. Unlocking of Corporate Manager user id
  - e. Change of user ID trading rights (viz. PRO to CLI, PRO+CLI, etc)
6. Password Reset / Unlocking of all other types of user ids should be done from the corporate manager user id by the member in the respective segments.