

National Stock Exchange of India Limited

Circular

Department: CAPITAL MARKET SEGMENT	
Download Ref No: NSE/CMTR/54851	December 16, 2022
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All Members,

Pre-Trade risk controls - Market Price Protection

Exchange has a robust risk management framework and continuously reviews and implements various pre-trade risk control measures for ensuring orderly trading, effective risk management and price discovery. In the current state of market maturity / development and to create a conducive environment for all market participants, review and enhancements are required to optimize and strengthen the pre-trade risk control measures for preventing aberrant orders.

Accordingly, in continuation to Exchange consolidated circular in Capital Market segment (Download No. 44481) dated May 27, 2020, members are requested to note the following w.r.t handling of Market Orders:

A) Current handling of Market Orders:

1. Market orders with Day condition in RL book type
 - a) **When users enter an order with a 'Market' price, if orders exist on the counter side, then the order takes the price of the available counter orders and trades are executed.**
 - b) In case orders exist on the counter side but the sufficient quantity is not available then trades are executed for the available order quantity and the order with remaining quantity is passivated taking the price of the best passive order on same side and sits in the order book based on price time priority.
 - c) If no passive orders exist on the counter side but if an order exists on the same side, then the order is passivated and takes the price of the best order on same side and sits in the order book based on price time priority.
 - d) If no passive orders exist on both sides, the order is passivated at the last traded price (LTP) of the security.
 - e) If the security has never been traded or the available LTP falls outside prevailing Operating price range, then the market order is passivated at the base price of the security.
2. Market order with IOC condition in RL book type
When users enter an order with a 'Market' price, if orders exist on the counter side, then the order takes the price of the best counter order and trades are executed; else, the order (full or partial) is cancelled with appropriate message.

National Stock Exchange of India Limited

- B) **Revised handling of 'Market' price orders** with book type RL and time condition as Day / IOC, shall be applicable to all Securities in Capital Market (Equity) segment:
- 'Market' price orders shall not be allowed in a security which has not traded for the day i.e., LTP is not available for the day. Market orders received in such scenario shall be rejected by the Exchange and appropriate message shall be sent to respective trading terminal.
 - Market Orders shall be allowed to be traded only up to certain mark-up/down price above/below Last traded Price (LTP) as follows:
 - i. At Normal Market Session Opening:
 - MPP shall be computed using the LTP i.e., Equilibrium Price (EP) determined in the pre-open/special pre-open session
 - ii. During Normal Market Session (Intraday):
 - MPP shall be computed using the LTP
 - Buy market orders shall be allowed to trade till $(1+X\%)$ of LTP
 - Sell market orders shall be allowed to trade till $(1-X\%)$ of LTP
 - Mark-up/down of $X\%$ above/below LTP, shall also be subject to minimum absolute value in Rs.
 - The initial/remaining quantity* post sweeping the counter orders up to mark-up/down price during matching, if any,
 - Shall be cancelled automatically, if counter orders are outstanding beyond mark-up/down price on opposite side of book and appropriate messages shall be sent to respective trading terminal.
 - Additionally, if the market order is placed with day condition,
 - Shall be passivated at best price at same side, based on price time priority, if no counter orders are outstanding beyond mark-up/down price on opposite side of book.
 - Shall be passivated at LTP/Base price of the day (trade price of last trade of the day), if no orders are outstanding on both the side of book.
- (* Remaining quantity could also be initial ordered quantity if there are no outstanding counter orders between LTP & mark-up/down price when order was entered.)
- In case of Stop loss (SL)-market order, mark up/down price to allow order to trade upto certain price as per aforesaid mechanism shall be determined based on LTP of the security when SL order gets triggered.
 - The MPP validation shall also be applicable for the order modification requests i.e., outstanding order is modified as Market order.
 - MPP validation shall be applicable in conjunction with the existing OPR validation for orders.
 - MPP mechanism shall not be applicable for Block Trading Session, Pre-open session (Regular), Pre-open session 2 (Special pre-open session), Call Auction Sessions, Auction Market and Closing Session/Post close market.

The Exchange may review the aforesaid mechanism and various applicable parameters from time to time based on the experience gained and inputs received from market participants / regulator.

National Stock Exchange of India Limited

Members should refer section 4.3 of Exchange consolidated circular no. 44481 dated May 27, 2020, and SEBI circular no. CIR/MRD/DP/15/2015 dated July 16, 2015, regarding Trade Annulment. Any request for Trade Annulment shall be processed strictly in adherence to the said circulars. Accordingly, Exchange strongly recommends trading members to develop similar features as mentioned above to be made available to their dealers/clients.

Members should trade responsibly and cautiously, as trading away from normal prices and misleading or causing any disruptions in normal trading may result in inquiry, investigation, and regulatory actions.

Parameters to arrive at mark-up/down price i.e., MPP range and effective date of Market price protection (MPP) mechanism shall be communicated through a separate circular.

For and on behalf of
National Stock Exchange of India Limited

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