NASDQ Stock Market Rules

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4703. Order Attributes

As described in Rule 4702, the following Order Attributes may be assigned to those Order Types for which they are available.

(a) – (k) No Change.

(1) Participation in the Nasdaq Opening Cross or the Nasdaq Closing Cross. All Order Types except Supplemental Orders, Retail Orders, and RPI Orders participate in the Nasdaq Opening Cross and/or the Nasdaq Closing Cross if the Order has a Time-in-Force that would cause the Order to be in effect at the time of the Nasdaq Opening Cross and/or Nasdaq Closing Cross. MOO Orders, LOO Orders, and IOI Orders participate in the Nasdaq Opening Cross in the manner specified in Rule 4752. Other Order Types eligible to participate in the Nasdaq Opening Cross operate as “Market Hours Orders” or “Open Eligible Interest” as specified in Rule 4752. MOC Orders, LOC Orders and IO Orders participate in the Nasdaq Closing Cross in the manner specified in Rule 4754. Other Order Types eligible to participate in the Nasdaq Closing Cross operate as “Close Eligible Interest” in the manner specified in Rule 4754. For purposes of selecting the Nasdaq Opening Cross or Closing Cross price, an Order to buy (sell) that is locked or crossed at its non-displayed price by a Post-Only Order on the Nasdaq Book shall be deemed to have a price at one minimum price increment below (above) the price of the Post-Only Order.

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4752. Opening Process

(a) – (c) No Change.

(d) Processing of Nasdaq Opening Cross. For System securities, the Nasdaq Opening Cross shall occur at 9:30, and market hours trading shall commence when the Nasdaq Opening Cross concludes.

(1) Beginning at 9:28 a.m., Nasdaq shall disseminate by electronic means an Order Imbalance Indicator every 5 seconds until market open.
(2) (A) The Nasdaq Opening Cross shall occur at the price that maximizes the number of shares of MOO, LOO, OIO, Early Market Hours orders, and executable quotes and orders in the Nasdaq Market Center to be executed.

(B) If more than one price exists under subparagraph (A), the Nasdaq Opening Cross shall occur at the price that minimizes any Imbalance.

(C) If more than one price exists under subparagraph (B), the Nasdaq Opening Cross shall occur at the entered price at which shares will remain unexecuted in the cross.

(D) If more than one price exists under subparagraph (C), the Nasdaq Opening Cross shall occur at the price that minimizes the distance from the bid-ask midpoint of the inside quotation prevailing at 9:30 a.m.

(E) If the Nasdaq Opening Cross price established by subparagraphs (A) through (D) is outside the benchmarks established by Nasdaq by a threshold amount, the Nasdaq Opening Cross shall occur at a price within the threshold amounts that best satisfies the conditions of subparagraphs (A) through (D). Nasdaq management shall set and modify such benchmarks and thresholds from time to time upon prior notice to market participants.

(F) Opening Cross Eligibility: In addition to the Nasdaq Opening Cross price process of subparagraphs (A) through (E), each security in the Nasdaq Opening Cross must also pass one of the Opening Cross Price Tests in subparagraphs (i) through (iii) below or all MOO, LOO, OIO, and Early Market Hours orders in the Nasdaq Opening Cross in the security will be cancelled back to Participants, no Nasdaq Opening Cross in that security will occur, and the security will open for regular market hours trading consistent with paragraph (c) above. Each Opening Cross Price Test applies a price range within which the Opening Cross Price, as calculated by subparagraphs (A) through (E) above, must fall to pass the individual Opening Cross Price Test. For each Opening Cross Price Test, Nasdaq will calculate the price range by using a threshold applied to the unique measures under each test. Nasdaq will establish and publish the thresholds used in the Opening Cross Price Tests below. Nasdaq management shall set and modify the Opening Cross Price Test thresholds from time to time upon prior notice to market participants.

(i) Opening Cross Price Test A. For Nasdaq listed securities, the Opening Cross price range for Test A is established by adding and subtracting the Opening Cross Price Test A threshold from the Nasdaq Official Closing Price of the security for the previous trading day. For non-Nasdaq listed securities, the Opening Cross price range for Test A is established by adding and subtracting the Opening Cross Price Test A threshold from the consolidated closing price of the security for the previous trading day. For new Exchange Traded Products that do not have a Nasdaq Official Closing Price, the Opening Cross price range is established by adding and subtracting the Opening Cross Price Test A threshold from the offering price. If the Nasdaq Opening Cross price is higher or lower than the Opening Cross price range established by this subparagraph or the security does
not have a Nasdaq Official Closing Price or consolidated closing price for the previous trading day, Opening Cross Price Test B will be performed.

(ii) Opening Cross Price Test B. The Opening Cross price range for Test B is established by adding and subtracting the Opening Cross Price Test B threshold from the Nasdaq last sale (either round or odd lot) after 9:15 a.m. ET but prior to the Opening Cross. If the Nasdaq Opening Cross price is higher or lower than the Opening Cross price range established by this subparagraph or if there is no Nasdaq last sale, Opening Cross Price Test C will be performed.

(iii) Opening Cross Price Test C. The Opening Cross price range for Test C is established by adding to and subtracting the Opening Cross Price Test C threshold from the Nasdaq best bid (for Opening Cross prices that would be higher than the closing price used under subparagraph (i) above) or Nasdaq best offer (for Opening Cross prices that would be lower than the closing price used under subparagraph (i) above). For purposes of this test, if a security does not have a Nasdaq Official Closing Price or consolidated closing price, as applicable, for the previous trading day Nasdaq will use a price of $0. If the Nasdaq Opening Cross price is higher or lower than the Opening Cross price range established by this subparagraph all Orders in the Opening Cross will be cancelled back to Participants, no Opening Cross will occur, and the security will open for regular market hours trading consistent with paragraph (c) above.

(3) If the Nasdaq Opening Cross price is selected and fewer than all shares of MOO, LOO, OIO and Early Market Hours Orders that are available in the Nasdaq Market Center would be executed, all Quotes and Orders shall be executed at the Nasdaq Opening Cross price in the following priority:

(A) MOO and Early Market Hours market peg orders, with time as the secondary priority;

(B) LOO orders, Early Market Hours limit orders, OIO orders, SDAY limit orders, SGTC limit orders, GTMC limit orders, SHEX limit orders, displayed quotes and reserve interest priced more aggressively than the Nasdaq Opening Cross price based on limit price with time as the secondary priority. An Order to buy (sell) that is locked or crossed at its non-displayed price by a Post-Only Order on the Nasdaq Book in Early Market Hours, and which has been deemed to have a price at one minimum price increment below (above) the price of the Post-Only Order, shall be ranked in time priority ahead of all orders one minimum price increment below (above) the price of the Post-Only Order but behind all orders at the price at which the Order was posted to the Nasdaq Book;

(C) LOO orders, OIO Orders, Early Market Hours and displayed interest of quotes, SDAY limit orders, SGTC limit orders, GTMC limit orders, and SHEX limit orders at the Nasdaq Opening Cross price with time as the secondary priority;
(D) Reserve interest of quotes, SDAY limit orders, SGTC limit orders, and GTMC limit orders and SHEX limit orders at the Nasdaq Opening Cross price with time as the secondary priority; and

(4) All Quotes and Orders executed in the Nasdaq Opening Cross shall be executed at the Nasdaq Opening Cross price, trade reported anonymously, and disseminated via a national market system plan. The Nasdaq Opening Cross price shall be the Nasdaq Official Opening Price for stocks that participate in the Nasdaq Opening Cross.

4753. Nasdaq Halt Cross

(a) No Change.

(b) Processing of Nasdaq Halt Cross. For Nasdaq-listed securities that are the subject of a trading halt or pause initiated pursuant to Rule 4120(a)(1), (4), (5), (6), (7) or (11), the Nasdaq Halt Cross shall occur at the time specified by Nasdaq pursuant to Rule 4120, and Market hours trading shall commence when the Nasdaq Halt Cross concludes.

(1) At the beginning of the Display Only Period and continuing through the resumption of trading, Nasdaq shall disseminate by electronic means an Order Imbalance Indicator every 5 seconds.

(2) (A) The Nasdaq Halt Cross shall occur at the price that maximizes the number of shares of Eligible Interest in the Nasdaq Market Center to be executed.

(B) If more than one price exists under subparagraph (A), the Nasdaq Halt Cross shall occur at the price that minimizes any Imbalance.

(C) If more than one price exists under subparagraph (B), the Nasdaq Halt Cross shall occur at the entered price at which shares will remain unexecuted in the cross.

(D) If more than one price exists under subparagraph (C), the Nasdaq Halt Cross shall occur at:

(i) In the case of an IPO, the price that is closest to the Issuer's Initial Public Offering Price;

(ii) In the case of another halt type in which the security has already traded during normal market hours on that trading day, the price that is closest to the last Nasdaq execution prior to the trading halt; and

(iii) In the case of another halt type in which the security has not already traded during normal market hours on that trading day, the price that is closest to the previous Nasdaq Official Closing Price.
(3) If the Nasdaq Halt Cross price is selected and fewer than all shares of Eligible Interest that are available in the Nasdaq Market Center would be executed, all Eligible Interest shall be executed at the Nasdaq Halt Cross price in price/time priority. An Order to buy (sell) that is locked or crossed at its non-displayed price by a Post-Only Order on the Nasdaq Book, and which has been deemed to have a price at one minimum price increment below (above) the price of the Post-Only Order, shall be ranked in time priority ahead of all orders one minimum price increment below (above) the price of the Post-Only Order but behind all orders at the price at which the Order was posted to the Nasdaq Book.

(4) All Eligible Interest executed in the Nasdaq Halt Cross shall be executed at the Nasdaq Halt Cross price, trade reported anonymously, and disseminated via a national market system plan. The Nasdaq Halt Cross price shall be the Nasdaq Official Opening Price for stocks that participate in the Nasdaq Halt Cross unless the stock has already been traded during normal market hours on that trading day.

(c) Nasdaq-listed securities that are the subject of a trading halt initiated pursuant to Rule 4120(a) and in which no Halt Cross occurs, shall open for trading at the time specified by Nasdaq pursuant to Rule 4120 in the following manner:

(1) Orders shall be added to the book in time priority.

(2) The Nasdaq Official Opening Price for such securities shall be the first Nasdaq market center execution following trade resumption unless the security has already traded during Market hours on that trading day.

(d) For purposes of [selecting ]the Nasdaq Halt Cross[ price], an Order to buy (sell) that is locked or crossed at its non-displayed price by a Post-Only Order on the Nasdaq Book prior to the trading halt shall be deemed to have a price at one minimum price increment below (above) the price of the Post-Only Order.

4754. Nasdaq Closing Cross

(a) No Change.

(b) Processing of Nasdaq Closing Cross. The Nasdaq Closing Cross will begin at 4:00:00 p.m. EST, and post-market hours trading will commence when the Nasdaq Closing Cross concludes.

(1) Order Imbalance Indicator. Beginning at 3:50 p.m., Nasdaq shall disseminate by electronic means an Order Imbalance Indicator every 5 seconds until market close.

(2) (A) The Nasdaq Closing Cross will occur at the price that maximizes the number of shares of Eligible Interest in the Nasdaq Market Center to be executed.
(B) If more than one price exists under subparagraph (A), the Nasdaq Closing Cross shall occur at the price that minimizes any Imbalance.

(C) If more than one price exists under subparagraph (B), the Nasdaq Closing Cross shall occur at the entered price at which shares will remain unexecuted in the cross.

(D) If more than one price exists under subparagraph (C), the Nasdaq Closing Cross shall occur at: a price that minimizes the distance from the System bid-ask midpoint at the time of the Nasdaq Closing Cross.

(E) If the Nasdaq Closing Cross price established by subparagraphs (A) through (D) above is outside the benchmarks established by Nasdaq by a threshold amount, the Nasdaq Closing Cross will occur at a price within the threshold amounts that best satisfies the conditions of subparagraphs (A) through (D) above. Nasdaq management shall set and modify such benchmarks and thresholds from time to time upon prior notice to market participants.

(3) If the Nasdaq Closing Cross price is selected and fewer than all MOC, LOC IO and Close Eligible Interest would be executed, orders will be executed at the Nasdaq Closing Cross price in the following priority:

(A) MOC orders, with time as the secondary priority;

(B) LOC orders, limit orders, IO orders, displayed quotes and reserve interest priced more aggressively than the Nasdaq Closing Cross price based on price with time as the secondary priority. An Order to buy (sell) that is locked or crossed at its non-displayed price by a Post-Only Order on the Nasdaq Book, and which has been deemed to have a price at one minimum price increment below (above) the price of the Post-Only Order, shall be ranked in time priority ahead of all orders one minimum price increment below (above) the price of the Post-Only Order but behind all orders at the price at which the Order was posted to the Nasdaq Book;

(C) LOC orders, IO Orders displayed interest of limit orders, and displayed interest of quotes at the Nasdaq Closing Cross price with time as the secondary priority;

(D) Reserve interest at the Nasdaq Closing Cross price with time as the secondary priority; and

(E) Unexecuted MOC, LOC, and IO orders will be canceled.

(b)(4) – (b)(8) No Change.

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