

**EXHIBIT 5**

Deleted text is [bracketed]. New text is underlined.

**NASDAQ BX Rules**

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**4702. Order Types.**

(a) Participants may express their trading interest in the NASDAQ OMX BX Equities Market by entering Orders. The NASDAQ OMX BX Equities Market offers a range of Order Types that behave in the manner specified for each particular Order Type. Each Order Type may be assigned certain Order Attributes that further define its behavior. All Order Types and Order Attributes operate in a manner that is reasonably designed to comply with the requirements of Rules 610 and 611 under Regulation NMS. Each Order must designate whether it is to effect a buy, a long sale, a short sale, or an exempt short sale.

The Exchange maintains several communications protocols for Participants to use in entering Orders and sending other messages to the System:

- OUCH is an Exchange proprietary protocol.
- RASH is an Exchange proprietary protocol.
- FLITE is an Exchange proprietary protocol.
- FIX is a non-proprietary protocol.

Except where otherwise stated, all protocols are available for all Order Types and Order Attributes.

Upon entry, an Order is processed to determine whether it may execute against any contra-side Orders on the Exchange Book in accordance with the parameters applicable to the Order Type and Order Attributes selected by the Participant and in accordance with the priority for Orders on the Exchange Book provided in Rule 4757. In addition, the Order may have its price adjusted in accordance with applicable parameters and may be routed to other market centers for potential execution if designated as Routable. The Order may then be posted to the Exchange Book if consistent with the parameters of the Order Type and Order Attributes selected by the Participant. Thereafter, as detailed in Rules 4702, 4703, and 4758, there are numerous circumstances in which the Order on the Exchange Book may be modified and receive a new timestamp. The sole instances in which the modification of an Order on the Exchange Book will not result in a new timestamp are: (i) a decrease in the size of the Order due to execution or modification by the Participant or by the System, and (ii) a redesignation of a sell Order as a long sale, a short sale, or an exempt short sale. Whenever an Order receives a new timestamp for any

reason, it is processed by the System as a new Order with respect to potential execution against Orders on the Exchange Book, price adjustment, routing, reposting to the Exchange Book, and subsequent execution against incoming Orders, except where otherwise stated.

All Orders are also subject to cancellation and/or repricing and reentry onto the Exchange Book in the circumstances described in Rule 4120(a)(13) (providing for compliance with Plan to Address Extraordinary Market Volatility) and Rule 4763 (providing for compliance with Regulation SHO). In all circumstances where an Order is repriced pursuant to those provisions, it is processed by the System as a new Order with respect to potential execution against Orders on the Exchange Book, price adjustment, routing, reposting to the Exchange Book, and subsequent execution against incoming Orders. If multiple Orders at a given price are repriced, the Order in which they are reentered is random, based on the respective processing time for each such Order; provided, however, that in the case of Price to Comply Orders and Post-Only Orders that have their prices adjusted upon entry because they lock a Protected Quotation but that are subsequently displayed at their original entered limit price as provided in Rules 4702(b)(1)(B) and (4)(B), they are processed in accordance with the time priority under which they were previously ranked on the Exchange Book.[ If an Order is repriced and/or reentered 10,000 times for any reason, the Order will be cancelled.]

(b) Except where stated otherwise, the following Order Types are available to all Participants:

(1) – (6) No change.

(7) ~~(A)~~ **(A)** A “Market Maker Peg Order” is an Order Type designed to allow a Market Maker to maintain a continuous two-sided quotation at a displayed price that is compliant with the quotation requirements for Market Makers set forth in Rule 4613(a)(2). The displayed price of the Market Maker Peg Order is set with reference to a “Reference Price” in order to keep the displayed price of the Market Maker Peg Order within a bounded price range. A Market Maker Peg Order may be entered through RASH or FIX only. A Market Maker Peg Order must be entered with a limit price beyond which the Order may not be priced. The Reference Price for a Market Maker Peg Order to buy (sell) is the then-current National Best Bid (National Best Offer), including BX, or if no such National Best Bid or National Best Offer, the most recent reported last-sale eligible trade from the responsible single plan processor for that day, or if none, the previous closing price of the security as adjusted to reflect any corporate actions (e.g., dividends or stock splits) in the security.

Upon entry, the displayed price of a Market Maker Peg Order to buy (sell) is automatically set by the System at the Designated Percentage (as defined in Rule 4613) away from the Reference Price in order to comply with the quotation requirements for Market Makers set forth in Rule 4613(a)(2). For example, if the National Best Bid is \$10 and the Designated Percentage for the security is 8%, the displayed price of a Market Maker Peg Order to buy would be \$9.20. If the limit

price of the Order is not within the Designated Percentage, the Order will be sent back to the Participant.

Once a Market Maker Peg Order has posted to the BX Book, it is repriced if needed as the Reference Price changes. Specifically, if as a result of a change to the Reference Price, the difference between the displayed price of the Market Maker Peg Order and the Reference Price reaches the Defined Limit (as defined in Rule 4613), the Market Maker Peg Order to buy (sell) will be repriced to the Designated Percentage away from the Reference Price. In the foregoing example, if the Defined Limit is 9.5% and the National Best Bid increased to \$10.17, such that the displayed price of the Market Maker Peg Order would be more than 9.5% away, the Order will be repriced to \$9.35, or 8% away from the National Best Bid. Note that prices will be rounded in a manner to ensure that they are calculated and displayed at a level that is consistent with the Designated Percentage and the permissible minimum increment of \$0.01 or \$0.0001, as applicable. If the limit price of the Order is outside the Defined Limit, the Order will be sent back to the Participant.

Similarly, if as a result of a change to the Reference Price, the displayed price of a Market Maker Peg Order to buy (sell) is at least one minimum price variation more than (less than) a price that is 4% less than (more than) the Reference Price, rounded up (down), then the Market Maker Peg Order to buy (sell) will be repriced to the Designated Percentage away from the Reference Price. For example, if the National Best Bid is \$10 and the Designated Percentage for the security is 8%, the displayed price of a Market Maker Peg Order to buy would initially be \$9.20. If the National Best Bid then moved to \$9.57, such that the displayed price of the Market Maker Peg Order would be a minimum of \$0.01 more than a price that is 4% less than the National Best Bid, rounded up (i.e.  $\$9.57 - (\$9.57 \times 0.04) = \$9.1872$ , rounding up to \$9.19), the Order will be repriced to \$8.81, or 8% away from the National Best Bid.

A Market Maker may enter a Market Maker Peg Order with a more aggressive offset than the Designated Percentage, but may not enter a less aggressive offset. A more aggressive offset will be expressed as a price difference from the Reference Price. Such a Market Maker Peg Order will be repriced in the same manner as a Price to Display Order with Attribution and Primary Pegging. As a result, the Order will be repriced whenever the price to which the Order is pegged is changed.

A new timestamp is created for a Market Maker Peg Order each time that it is repriced. In the absence of a Reference Price, a Market Maker Peg Order will be cancelled (if on the BX Book) or rejected (if it is an incoming Order). If, after entry, a Market Maker Peg Order has a displayed price based on a Reference Price other than the National Best Bid or National Best Offer and such Market Maker Peg Order is established as the National Best Bid or National Best Offer, the Market Maker Peg Order will not be subsequently repriced in accordance with this rule until a new Reference Price is established. In such case, the new Reference Price may be established by a change in the National Best Bid or National Best Offer based on another market center's quotation or by the entry into the System of any Displayed

Order with a price better than the displayed price of the Market Maker Peg Order, whether the new Order is at a price that is lower than, higher than or equal to the prior Reference Price.[ If a Market Maker Peg Order is repriced 1,000 times, it will be cancelled.]

Notwithstanding the availability of Market Maker Peg Order functionality, a Market Maker remains responsible for entering, monitoring, and resubmitting, as applicable, quotations that meet the requirements of Rule 4613.

(B) No change.

### **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) – (c) No change.

(d) **Pegging.** Pegging is an Order Attribute that allows an Order to have its price automatically set with reference to the NBBO; provided, however, that if the Exchange is the sole market center at the Best Bid or Best Offer (as applicable), then the price of any Displayed Order with Primary Pegging (as defined below) will be set with reference to the highest bid or lowest offer disseminated by a market center other than the Exchange. An Order with a Pegging Order Attribute may be referred to as a “Pegged Order.” For purposes of this rule, the price to which an Order is pegged will be referred to as the Inside Quotation, the Inside Bid, or the Inside Offer, as appropriate. There are three varieties of Pegging:

- **Primary Pegging** means Pegging with reference to the Inside Quotation on the same side of the market. For example, if the Inside Bid was \$11, an Order to buy with Primary Pegging would be priced at \$11.
- **Market Pegging** means Pegging with reference to the Inside Quotation on the opposite side of the market. For example, if the Inside Offer was \$11.06, an Order to buy with Market Pegging would be priced at \$11.06.
- **Midpoint Pegging** means Pegging with reference to the midpoint between the Inside Bid and the Inside Offer (the “Midpoint”). Thus, if the Inside Bid was \$11 and the Inside Offer was \$11.06, an Order with Midpoint Pegging would be priced at \$11.03. An Order with Midpoint Pegging is not displayed. An Order with Midpoint Pegging may be executed in sub-pennies if necessary to obtain a midpoint price.

Pegging is available only during Market Hours. An Order with Pegging may specify a limit price beyond which the[y] Order may not be executed; provided, however, that if an Order has been assigned a Pegging Order Attribute and a Discretion Order Attribute, the Order may execute at any price within the discretionary price range, even if beyond the limit price specified with respect to the Pegging Order Attribute. If an Order with

Pegging is priced at its limit price, the price of the Order may nevertheless be changed to a less aggressive price based on changes to the Inside Quotation. In addition, an Order with Primary Pegging or Market Pegging may specify an Offset Amount, such that the price of the Order will vary from the Inside Quotation by the selected Offset Amount. The Offset Amount may be either aggressive or passive. Thus, for example, if a Participant entered an Order to buy with Primary Pegging and a passive Offset Amount of \$0.05 and the Inside Bid was \$11, the Order would be priced at \$10.95. If the Participant selected an aggressive Offset Amount of \$0.02, however, the Order would be priced at \$11.02. An Order with Primary Pegging and an Offset Amount will not be Displayed, unless the Order is Attributable. An Order with Midpoint Pegging will not be Displayed. An Order with Market Pegging and no Offset behaves as a “market order” with respect to any liquidity on the Exchange Book at the Inside Quotation on the opposite side of the market because it is immediately executable at that price. If, at the time of entry, there is no price to which a Pegged Order can be pegged, the Order will be rejected; provided, however, that a Displayed Order that has Market Pegging, or an Order with a Non-Display Attribute that has Primary Pegging or Market Pegging, will be accepted at its limit price. In the case of an Order with Midpoint Pegging, if the Inside Bid and Inside Offer are locked, the Order will be priced at the locking price, if the Inside Bid and Inside Offer are crossed, the Order will nevertheless be priced at the midpoint between the Inside Bid and Inside Offer, and if there is no Inside Bid and/or Inside Offer, the Order will be rejected. However, even if the Inside Bid and Inside Offer are locked or crossed, an Order with Midpoint Pegging that locked or crossed an Order on the Exchange Book would execute.

Primary Pegging and Market Pegging are available through RASH and FIX only. An Order entered through OUCH or FLITE with Midpoint Pegging will have its price set upon initial entry to the Midpoint, unless the Order has a limit price that is lower than the Midpoint for an Order to buy (higher than the Midpoint for an Order to sell), in which case the Order will be ranked on the Exchange Book at its limit price. Thereafter, if the NBBO changes so that the Midpoint is lower than (higher than) the price of an Order to buy (sell), the Pegged Order will be cancelled back to the Participant.

An Order entered through RASH or FIX with Pegging will have its price set upon initial entry and will thereafter have its price reset in accordance with changes to the relevant Inside Quotation. An Order with Pegging receives a new timestamp whenever its price is updated and therefore will be evaluated with respect to possible execution (and routing, if it has been assigned a Routing Order Attribute) in the same manner as a newly entered Order. If the price to which an Order is pegged is not available, the Order will be rejected.

[If an Order with Primary Pegging is updated 1,000 times, it will be cancelled; if an Order with Market Pegging is updated 10,000 times, it will be cancelled.]

(e) – (k) No change.

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**4756. Entry and Display of Quotes and Orders**

(a) Entry of Orders—Participants can enter orders into the System, subject to the following requirements and conditions:

(1) – (3) No change.

(4) Each Order is subject to a daily limit on the number of changes that may occur with respect to the Order; if the daily limit is reached, the Order will be cancelled. The number of permissible changes may vary by Order Type or Order Attribute and may change from time to time. The Exchange will post on its website what is considered a change for a particular Order Type and Order Attribute, and the current limits on the number of such changes.

(b) – (c) No change.

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