Exhibit 5

New text is underlined; deleted text is in brackets.

NASDAQ OMX BX Rules

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Options Rules

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Chapter VI Trading Systems

Sec. 1 Definitions

The following definitions apply to Chapter VI for the trading of options listed on BX Options.

- (a) (d) No change.
- (e) The term "Order Type" shall mean the unique processing prescribed for designated orders that are eligible for entry into the System, and shall include:
- (1) [Reserved.] <u>Directed Order.</u> The term "Directed Order" means an order to buy or sell which has been directed, provided it is properly marked as such, to a particular market maker ("Directed Market Maker"). Directed Orders are handled within the System pursuant to Chapter VI, Section 10. Directed Orders may be available only in certain options.
- (2) (11) No change.
- $(\mathbf{f}) (\mathbf{h})$ No change.

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Sec. 6 Acceptance of Ouotes and Orders

All bids or offers made and accepted on BX Options in accordance with the BX Options Rules shall constitute binding contracts, subject to applicable requirements of the Rules of the Exchange and the Rules of the Clearing Corporation.

- (a) General A System order is an order that is entered into the System for display and/or execution as appropriate. Such orders are executable against marketable contra-side orders in the System.
- (1) All System Orders shall indicate whether they are a call or put and buy or sell and a price, if any. Systems Orders can be designated as Immediate or Cancel ("IOC"), Good-till-Cancelled ("GTC"), Day ("DAY") or WAIT. Any of the foregoing may also be designated as a Directed Order.

- (2) A System order may also be designated as a Limit Order, a Minimum Quantity Order, a Market Order, a Price Improving Order, an All-or-None Order or a Post-Only Order. <u>Any of the foregoing may also be designated as a Directed Order.</u>
- (b) (c) No change.

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Sec. 10 Book Processing

System orders shall be executed through the BX Book Process set forth below:

- (1) Execution Algorithm The Exchange will determine to apply, for each option, one of the following execution algorithms described in paragraphs (A) or (B). The Exchange will issue an Options Alert specifying which execution algorithm will govern which options any time it is modified.
- (A) Price/Time The System shall execute trading interest within the System in price/time priority, meaning it will execute all trading interest at the best price level within the System before executing trading interest at the next best price. Within each price level, if there are two or more quotes or orders at the best price, trading interest will be executed in time priority.
- (B) Size Pro-Rata The System shall execute trading interest within the System in price priority, meaning it will execute all trading interest at the best price level within the System before executing trading interest at the next best price. Within each price level, if there are two or more quotes or orders at the best price, trading interest will be executed based on the size of each Participant's quote or order as a percentage of the total size of all orders and quotes resting at that price. If the result is not a whole number, it will be rounded down to the nearest whole number. If there are residual contracts remaining after rounding, such contracts will be distributed one contract at a time to the remaining Participants in time priority.

(C) Priority Overlays

- (1) Priority Overlays Applicable to Price/Time Execution Algorithm: the Exchange may apply the following designated Participant priority overlays, when the Price/Time execution algorithm is in effect:
 - (a) Public Customer Priority: the highest bid and lowest offer shall have priority except that Public Customer orders shall have priority over non-Public Customer orders at the same price. If there are two or more Public Customer orders for the same options series at the same price, priority shall be afforded to such Public Customer orders in the sequence in which they are received by the System. For purposes of this Rule, a Public Customer order does not include a Professional Order. Public Customer Priority is always in effect when the Price/Time execution algorithm is in effect.

(b) Lead Market Maker ("LMM") Priority: An LMM may be assigned by the Exchange in each option class in accordance with Chapter VII, Section 13. LMM participant entitlements shall only be in effect when the Public Customer Priority Overlay is also in effect. After all Public Customer orders have been fully executed, upon receipt of an order, provided the LMM's bid/offer is at or improves on the Exchange's disseminated price, the LMM will be afforded a participation entitlement. The LMM shall not be entitled to receive a number of contracts that is greater than the displayed size associated with such LMM. LMM participation entitlements will be considered after the opening process. The LMM participation entitlement is as follows:

(1) A BX Options LMM shall receive the greater of:

- (a) contracts the LMM would receive if the allocation was based on time priority pursuant to subparagraph (C)(1)(a) above with Public Customer priority;
- (b) 50% of remaining interest if there is one or no other Market Maker at that price;
- (c) 40% of remaining interest if there is two other Market Makers at that price; [or]
- (d) 30% of remaining interest if there are more than two other Market Makers at that price; or [.]
- (e) the Directed Market Maker ("DMM") participation entitlement, if any, set forth in subsection (C)(1)(c) below (if the order is a Directed Order and the LMM is also the DMM).

If rounding would result in an allocation of less than one contract, a BX Options LMM shall receive one contract. Rounding will be up or down to the nearest integer.

Notwithstanding the foregoing, when a Directed Order is received and the DMM's bid/offer is at or improves on the NBBO and the LMM is at the same price level and is not the DMM, the LMM participation entitlement set forth in this subsection (C)(1)(b)(1) will not apply with respect to such Directed Order.

(2) Orders for 5 contracts or fewer shall be allocated to the LMM. The Exchange will review this provision quarterly and will maintain the small order size at a level that will not allow orders of 5 contracts or less executed by the LMM to account for more than 40% of the volume executed on the Exchange. This provision shall not apply if the order of 5

contracts or fewer is directed to a DMM who is quoting at or better than the NBBO.

- (c) DMM Priority: A market maker which receives a Directed Order is a DMM with respect to that Directed Order. DMM participant entitlements shall only be in effect when the Public Customer Priority Overlay is also in effect. After all Public Customer orders have been fully executed, upon receipt of a Directed Order, provided the DMM's bid/offer is at or improves on the NBBO, the DMM will be afforded a participation entitlement. The DMM shall not be entitled to receive a number of contracts that is greater than the size at a given price point associated with such DMM. DMM participation entitlements will be considered after the opening process. Pursuant to the DMM participation entitlement, the DMM shall receive, with respect to a Directed Order, the greater of:
 - (1) contracts the DMM would receive if the allocation was based on time priority pursuant to subparagraph (C)(1)(a) above with Public Customer priority;
 - (2) 40% of remaining interest; or
 - (3) the LMM participation entitlement (if the DMM is also the LMM).

If there are multiple DMM quotes at the same price which are at or improve the NBBO when the Directed Order is received, the DMM participation entitlement shall apply only once to the DMM quote which has the highest time priority at the last price executed upon receipt of the Directed Order which is equal to or better than the NBBO. If rounding would result in an allocation of less than one contract, the DMM shall receive one contract. Rounding will be up or down to the nearest integer.

- (d) If there are contracts remaining, <u>after LMM or DMM participation</u> <u>entitlements have been applied</u>, such contracts shall be executed based on the Price/Time execution algorithm.
- (e) Only one participation entitlement, LMM or DMM, may be applied on a given order.
- (2) Priority Overlays Applicable to Size Pro-Rata Execution Algorithm: the Exchange [will] <u>may</u> apply the following designated Participant priority overlays, [which are always in effect] when the Size Pro-Rata execution algorithm is in effect.
 - (i) Public Customer Priority: the highest bid and lowest offer shall have priority except that Public Customer orders shall have priority over non-Public Customer orders at the same price. If there are two or more Public Customer orders for the same options series at the same price, priority shall be afforded to such Public Customer orders in the sequence in which they are received by the System. For purposes of this Rule, a Public Customer

order does not include a Professional Order. Public Customer Priority is always in effect when Size Pro-Rata execution algorithm is in effect.

- (ii) LMM Priority: An LMM may be assigned by the Exchange in each option class in accordance with Chapter VII, Section 13. After all Public Customer orders have been fully executed, upon receipt of an order, provided the LMM's bid/offer is at or improves on the Exchange's disseminated price, the LMM will be afforded a participation entitlement. The LMM shall not be entitled to receive a number of contracts that is greater than the displayed size associated with such LMM. LMM participation entitlements will be considered after the opening process. The LMM participation entitlement is as follows:
 - (1) A BX Options LMM shall receive the greater of:
 - (a) the LMM's Size Pro-Rata share under (1)(C)(2)([iii]<u>iv</u>) below;
 - (b) 50% of remaining interest if there is one or no other Market Maker at that price;
 - (c) 40% of remaining interest if there are two other Market Makers at that price; [or]
 - (d) 30% of remaining interest if there are more than two other Market Makers at that price; or
 - (e) the DMM participation entitlement, if any, set forth in subsection (C)(2)(iii) below (if the LMM is also the DMM).

If rounding would result in an allocation of less than one contract, a BX Options LMM shall receive one contract. Rounding will be up or down to the nearest integer.

Notwithstanding the foregoing, when a Directed Order is received and the DMM's bid/offer is at or improves on the NBBO and the LMM is at the same price level and is not the DMM, the LMM participation entitlement set forth in this subsection (C)(2)(ii)(1) will not apply with respect to such Directed Order.

(2) Orders for 5 contracts or fewer shall be allocated to the LMM. The Exchange will review this provision quarterly and will maintain the small order size at a level that will not allow orders of 5 contracts or less executed by the LMM to account for more than 40% of the volume executed on the Exchange. This provision shall not apply if the order of 5 contracts or fewer is directed to a DMM who is quoting at or better than the NBBO.

- (iii) DMM Priority: A market maker which receives a Directed Order is a DMM with respect to that Directed Order. After all Public Customer orders have been fully executed, upon receipt of a Directed Order, provided the DMM's bid/offer is at or improves the NBBO, the DMM will be afforded a participation entitlement. The DMM shall not be entitled to receive a number of contracts that is greater than the displayed size at a given price point associated with such DMM. DMM participation entitlements will be considered after the opening process. Pursuant to the DMM participation entitlement, the DMM shall receive, with respect to a Directed Order, the greater of:
 - (1) the DMM's Size Pro-Rata share under (1)(C)(2)(iv) below;
 - (2) 40% of remaining interest; or
 - (3) the LMM participation entitlement (if the DMM is also the LMM).

If there are multiple DMM quotes at the same price which are at or improve on the NBBO when the Directed Order is received, the DMM participation entitlement shall apply only to the DMM quote which has the highest time priority at the last price executed upon receipt of the Directed Order which is equal to or better than the NBBO; additional DMM quotes at such price will receive no further allocation of the Directed Order. If rounding would result in an allocation of less than one contract, the DMM shall receive one contract. Rounding will be up or down to the nearest integer.

- ([iii]iv) Market Maker Priority: After all Public Customer orders have been fully executed and LMM or DMM participation entitlements applied, if applicable, BX Options Market Makers shall have priority over all other Participant orders at the same price. If there are two or more BX Options Market Maker quotes and orders for the same options series at the same price, those shall be executed based on the Size Pro-Rata execution algorithm. If there are contracts remaining after all Market Maker interest has been fully executed, such contracts shall be executed based on the Size Pro-Rata execution algorithm.
 - (v) Only one participation entitlement, LMM or DMM, may be applied on a given order.

(2) - (7) No Change.

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Chapter VII Market Participants

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Sec 15. Directed Market Makers

Market Makers may receive Directed Orders in their appointed classes in accordance with the provisions of this Section 15, Directed Market Makers provided they indicated to the Exchange, in a form specified, that they will receive Directed Orders.

- (i) When the Exchange's disseminated price is the NBBO at the time of receipt of the Directed Order, and the Directed Market Maker is quoting at or improving the Exchange's disseminated price, the Directed Order shall be automatically executed and allocated in accordance with Chapter VI, Section 10 such that the Directed Market Maker shall receive a Directed Market Maker participation entitlement provided for therein.
- (ii) When (a) the Exchange's disseminated price is the NBBO, and the quotation disseminated by the Directed Market Maker on the opposite side of the market from the Directed Order is inferior to the NBBO at the time of receipt of the Directed Order, or (b) the Exchange's disseminated price is not the NBBO at the time of receipt of the Directed Order, the Directed Order shall be processed as though it were not a Directed Order.
- (iii) A Directed Market Maker must provide continuous two-sided quotations throughout the trading day in all options issues for which the Directed Market Maker is assigned for 90% of the time the Exchange is open for trading in each issue. Such quotations must meet the legal quote width requirements of Chapter VII, Section 6. These obligations will apply collectively to all series in all of the issues, rather than on an issue-by-issue basis. Compliance with this obligation will be determined on a monthly basis. BX Regulation may consider exceptions to the requirement to quote 90% (or higher) of the trading day based on demonstrated legal or regulatory requirements or other mitigating circumstances. If a technical failure or limitation of a system of the Exchange prevents a Directed Market Maker from maintaining, or prevents a Directed Market Maker from communicating to the Exchange, timely and accurate electronic quotes in an issue, the duration of such failure shall not be considered in determining whether the Directed Market Maker has satisfied the 90% quoting standard with respect to that option issue. The Exchange may consider other exceptions to this continuous electronic quote obligation based on demonstrated legal or regulatory requirements or other mitigating circumstances.
- (iv) The obligations set forth in subsection (iii) above shall not apply to DMMs with respect to Quarterly Options Series, adjusted option series, or any series with a time to expiration of nine months or greater. For purposes of this Rule, an adjusted option series is an option series wherein, as a result of a corporate action by the issuer of the underlying security, one option contract in the series represents the delivery of other than 100 shares of underlying security. However, a DMM may still receive a participation entitlement in such series if it elects to quote in such series and otherwise satisfies the requirements of Chapter VI, Section 10.

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