

EXHIBIT 5

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

Nasdaq BX, Inc. Rules

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Options 3 Options Trading Rules

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Section 15. Risk Protections

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(c) The following are quote risk protections on BX:

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(2) Quotation Adjustments.

(A) **Rapid Fire.** Market Makers are required to utilize the Percentage or Volume Threshold, each a Threshold, described in (i) and (ii) below. In addition, Market Makers may utilize the Delta and Vega Thresholds, each a Threshold, described in (iii) and (iv) below. For each of these features, the System will automatically remove a Market Maker's quotes in all series in an options class when any of the Percentage Threshold, Volume Threshold, Delta Threshold or Vega Threshold, as described below, has been exceeded. A Market Maker is required to specify a period of time not to exceed 30 seconds ("Specified Time Period") during which the System will automatically remove a Market Maker's quotes in all series of an options class. The Specified Time Period will commence for an options class every time an execution occurs in any series in such option class and will continue until the System removes quotes as described in paragraphs ([B]D) and ([C]E) below or the Specified Time Period expires. The Specified Time Period operates on a rolling basis among all series in an options class in that there may be Specified Time Periods occurring simultaneously for each Threshold and such Specified Time Periods may overlap. The Specified Time Periods will be the same value for each protection described in (i) - (iv) below.

(i) **Percentage Threshold.** A Market Maker must provide a specified percentage ("Percentage Threshold"), of not less than 1%, by which the System will automatically remove a Market Maker's quotes in all series of an options class. For each series in an options class, the System will determine (1) during a Specified Time Period and for each side in a given series, a percentage calculated by dividing the size of a Market Maker's quote size executed in a particular series (the numerator) by the Market Maker's quote size available at the time of execution plus the total number of the Market Maker's quote size

previously executed during the unexpired Specified Time Period (the denominator) ("Series Percentage"); and (2) the sum of the Series Percentage in the options class ("Issue Percentage") during a Specified Time Period. The System tracks and calculates the net impact of positions in the same options class; long call percentages are offset by short call percentages, and long put percentages are offset by short put percentages in the Issue Percentage. If the Issue Percentage exceeds the Percentage Threshold the System will automatically remove a Market Maker's quotes in all series of the options class during the Specified Time Period.

- (ii) **Volume Threshold.** A Market Maker must provide a Volume Threshold by which the System will automatically remove a Market Maker's quotes in all series of an options class when the Market Maker executes a number of contracts which exceeds the designated number of contracts in all series in an options class.
- (iii) **Delta Threshold.** A Market Maker may provide a Delta Threshold by which the System will automatically remove a Market Maker's quotes in all series of an options class. For each class of options, the System will maintain a Delta counter, which tracks the absolute value of the difference between (1) purchased call contracts plus sold put contracts and (2) sold call contracts plus purchased put contracts. If the Delta counter exceeds the Delta Threshold established by the Member, the System will automatically remove a Market Maker's quotes in all series of the options class.
- (iv) **Vega Threshold.** A Market Maker may provide a Vega Threshold by which the System will automatically remove a Market Maker's quotes in all series of an options class. For each class of options, the System will maintain a Vega counter, which tracks the absolute value of purchased contracts minus sold contracts. If the Vega counter exceeds the Vega Threshold established by the Member, the System will automatically remove a Market Maker's quotes in all series of the options class.

(B) Active Quote Protection. In lieu of Rapid Fire, a Market Maker may provide an executed contract limit ("Contract Limit") that, if exceeded, the System will automatically remove the Market Maker's quotes in all series of an options class submitted through SQF. The System will apply the Contract Limit for the duration of the trading day. For each class of options, the System will maintain an active limit counter that will track the current number of contracts executed through the Market Maker's quotes ("Limit Counter"). If the Limit Counter exceeds the Contract Limit established by the Market Maker, the System will automatically remove the Market Maker's quotes as described in paragraph (D) below. Market Makers may submit a request (i) to decrement their Limit Counter by a specified number of contracts, or (ii) to fully decrement their Limit Counter to zero, including to re-enter the System as described in paragraph (F) below.

([B]C) Multi-Trigger. A BX Market Maker or BX Market Maker Group (multiple affiliated BX Market Makers is a “Group” as defined by a BX Participant and provided by such Participant to the Exchange) may provide a specified time period and number of allowable triggers by which the Exchange will automatically remove quotes in all options series in all underlying issues submitted through designated BX protocols as specified by the Exchange (“Multi-Trigger Threshold”). During a specified time period established by the BX Market Maker not to exceed 30 seconds (“Multi-Trigger Specified Time Period”), the number of times the System automatically removes the BX Market Maker’s or Group’s quotes in all options series will be based on the number of triggers of the Percentage Threshold described in paragraph (A)(i) above, the Volume Threshold described in paragraph (A)(ii) above, the Delta Threshold described in paragraph (A)(iii) above, [and] the Vega Threshold described in paragraph (A)(iv) above, and the Contract Limit described in paragraph (B) above. Once the System determines that the number of triggers exceeds a number established by either the BX Market Maker or Group, during a Multi-Trigger Specified Time Period, the System will automatically remove all quotes in all options series in all underlying issues for that BX Market Maker or Group. A trigger is defined as the event which causes the System to automatically remove quotes in all options series in an underlying issue. A Multi-Trigger Specified Time Period will commence after every trigger of the Percentage Threshold, Volume Threshold, Delta Threshold, [or] Vega Threshold, or Contract Limit, and will continue until the System removes quotes as described in paragraph ([C]D) below or the Multi-Trigger Specified Time Period expires. The System counts triggers within the Multi-Trigger Specified Time Period across all triggers for the BX Market Maker or Group. A Multi-Trigger Specified Time Period operates on a rolling basis in that there may be multiple Multi-Trigger Specified Time Periods occurring simultaneously and such Multi-Trigger Specified Time Periods may overlap.

([C]D) The System will automatically remove quotes in all series of an options class in an underlying security when the Percentage Threshold, Volume Threshold, Delta Threshold, [or] Vega Threshold, or the Contract Limit has been exceeded. The System will automatically remove quotes in all series of an options class in all underlying securities when the Multi-Trigger Threshold has been exceeded. The System will send a Purge Notification Message to the BX Market Maker for all affected options when the above thresholds have been exceeded.

- (i) The Percentage Threshold, Volume Threshold, Delta Threshold, Vega Threshold, Contract Limit, and Multi-Trigger Threshold are considered independently of each other.
- (ii) [Quotes will be automatically executed up to the BX Market Maker's size regardless of whether the execution exceeds the Percentage Threshold, Volume Threshold, Delta Threshold, or Vega Threshold.]The System will execute any marketable orders or quotes that are executable against a Market Maker’s quote and received prior to the time the Percentage Threshold, Volume Threshold,

Delta Threshold, Vega Threshold, or Contract Limit is triggered up to the size of the Market Maker's quote, even if such execution results in executions in excess of the Market Maker's applicable Threshold or Contract Limit with respect to any parameter.

([D]E) If a BX Market Maker requests the System to remove quotes in all options series in an underlying issue, the System will automatically reset the Specified Time Period(s) for the Percentage, Volume, Delta, or Vega Threshold. The Multi-Trigger Specified Time Period(s) will not automatically reset for the Multi-Trigger Threshold.

([E]F) When the System removes quotes as a result of exceeding the Percentage Threshold, Volume Threshold, Delta Threshold, or Vega Threshold, the BX Market Maker must send a re-entry indicator to re-enter the System. When the System removes quotes as a result of exceeding the Contract Limit, the Market Maker must submit a request to fully decrement their Limit Counter to zero in order to re-enter the System. When the System removes quotes as a result of the Multi-Trigger Threshold, the System will not accept quotes through designated protocols until the BX Market Maker or Group manually requests re-entry. After quotes are removed as a result of the Multi-Trigger Threshold, Exchange staff must set a re-entry indicator in this case to enable re-entry, which will cause the System to send a Reentry Notification Message to the BX Market Maker or Group for all options series in all underlying issues. The Market Maker's Clearing Firm will be notified regarding the trigger and re-entry into the System after quotes are removed as a result of the Multi-Trigger Threshold, provided the Market Maker's Clearing Firm has requested to receive such notification.

([F]G) The Exchange will require BX Market Makers to utilize [either] the Percentage Threshold, [or] the Volume Threshold, or the Contract Limit. For Market Makers that elect to utilize the Contract Limit, the Percentage Threshold, Volume Threshold, Delta Threshold, and Vega Threshold will not be available for use on the Market Maker's badge. The Delta, Vega and Multi-Trigger Thresholds are optional.

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