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Page 1 of \* 28

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549  
Form 19b-4

File No. \* SR 2022 - \* 022

Amendment No. (req. for Amendments \*)

Filing by NASDAQ BX, Inc.

Pursuant to Rule 19b-4 under the Securities Exchange Act of 1934

Initial * <input checked="" type="checkbox"/>	Amendment * <input type="checkbox"/>	Withdrawal <input type="checkbox"/>	Section 19(b)(2) * <input type="checkbox"/>	Section 19(b)(3)(A) * <input checked="" type="checkbox"/>	Section 19(b)(3)(B) * <input type="checkbox"/>
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Pilot <input type="checkbox"/>	Extension of Time Period for Commission Action * <input type="checkbox"/>	Date Expires * <input type="text"/>
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Rule

<input type="checkbox"/> 19b-4(f)(1)	<input type="checkbox"/> 19b-4(f)(4)
<input type="checkbox"/> 19b-4(f)(2)	<input type="checkbox"/> 19b-4(f)(5)
<input type="checkbox"/> 19b-4(f)(3)	<input checked="" type="checkbox"/> 19b-4(f)(6)

Notice of proposed change pursuant to the Payment, Clearing, and Settlement Act of 2010

Section 806(e)(1) \*

Section 806(e)(2) \*

Security-Based Swap Submission pursuant to the Securities Exchange Act of 1934  
Section 3C(b)(2) \*

Exhibit 2 Sent As Paper Document

Exhibit 3 Sent As Paper Document

### Description

Provide a brief description of the action (limit 250 characters, required when Initial is checked \*).

A proposal to amend Rule BX Equity 6, Section 5 to provide Participants with additional optional settings

### Contact Information

Provide the name, telephone number, and e-mail address of the person on the staff of the self-regulatory organization prepared to respond to questions and comments on the action.

First Name \* Nikolai Last Name \* Utochkin

Title \* Associate General Counsel

E-mail \* nikolai.utochkin@nasdaq.com

Telephone \* (301) 978-8029 Fax

### Signature

Pursuant to the requirements of the Securities Exchange of 1934, NASDAQ BX, Inc. has duty caused this filing to be signed on its behalf by the undersigned thereunto duty authorized.

Date 11/10/2022


(Title \*)

By John Zecca

EVP and Chief Legal Officer

(Name \*)

NOTE: Clicking the signature block at right will initiate digitally signing the form. A digital signature is as legally binding as a physical signature, and once signed, this form cannot be changed.

 Date: 2022.11.10 13:21:48 -05'00'

Required fields are shown with yellow backgrounds and astericks.

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

For complete Form 19b-4 instructions please refer to the EFFS website.

**Form 19b-4 Information \***

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SR-BX-2022-022 19b-4.doc

The self-regulatory organization must provide all required information, presented in a clear and comprehensible manner, to enable the public to provide meaningful comment on the proposal and for the Commission to determine whether the proposal is consistent with the Act and applicable rules and regulations under the Act.

**Exhibit 1 - Notice of Proposed Rule Change \***

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SR-BX-2022-022 Exhibit 1.doc

The Notice section of this Form 19b-4 must comply with the guidelines for publication in the Federal Register as well as any requirements for electronic filing as published by the Commission (if applicable). The Office of the Federal Register (OFR) offers guidance on Federal Register publication requirements in the Federal Register Document Drafting Handbook, October 1998 Revision. For example, all references to the federal securities laws must include the corresponding cite to the United States Code in a footnote. All references to SEC rules must include the corresponding cite to the Code of Federal Regulations in a footnote. All references to Securities Exchange Act Releases must include the release number, release date, Federal Register cite, Federal Register date, and corresponding file number (e.g., SR-[SRO]-xx-xx). A material failure to comply with these guidelines will result in the proposed rule change being deemed not properly filed. See also Rule 0-3 under the Act (17 CFR 240.0-3)

**Exhibit 1A - Notice of Proposed Rule Change, Security-Based Swap Submission, or Advanced Notice by Clearing Agencies \***

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The Notice section of this Form 19b-4 must comply with the guidelines for publication in the Federal Register as well as any requirements for electronic filing as published by the Commission (if applicable). The Office of the Federal Register (OFR) offers guidance on Federal Register publication requirements in the Federal Register Document Drafting Handbook, October 1998 Revision. For example, all references to the federal securities laws must include the corresponding cite to the United States Code in a footnote. All references to SEC rules must include the corresponding cite to the Code of Federal Regulations in a footnote. All references to Securities Exchange Act Releases must include the release number, release date, Federal Register cite, Federal Register date, and corresponding file number (e.g., SR-[SRO]-xx-xx). A material failure to comply with these guidelines will result in the proposed rule change being deemed not properly filed. See also Rule 0-3 under the Act (17 CFR 240.0-3)

**Exhibit 2- Notices, Written Comments, Transcripts, Other Communications**

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Copies of notices, written comments, transcripts, other communications. If such documents cannot be filed electronically in accordance with Instruction F, they shall be filed in accordance with Instruction G.

Exhibit Sent As Paper Document

**Exhibit 3 - Form, Report, or Questionnaire**

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Copies of any form, report, or questionnaire that the self-regulatory organization proposes to use to help implement or operate the proposed rule change, or that is referred to by the proposed rule change.

Exhibit Sent As Paper Document

**Exhibit 4 - Marked Copies**

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The full text shall be marked, in any convenient manner, to indicate additions to and deletions from the immediately preceding filing. The purpose of Exhibit 4 is to permit the staff to identify immediately the changes made from the text of the rule with which it has been working.

**Exhibit 5 - Proposed Rule Text**

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SR-BX-2022-022 Exhibit 5.doc

The self-regulatory organization may choose to attach as Exhibit 5 proposed changes to rule text in place of providing it in Item I and which may otherwise be more easily readable if provided separately from Form 19b-4. Exhibit 5 shall be considered part of the proposed rule change

**Partial Amendment**

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If the self-regulatory organization is amending only part of the text of a lengthy proposed rule change, it may, with the Commission's permission, file only those portions of the text of the proposed rule change in which changes are being made if the filing (i.e. partial amendment) is clearly understandable on its face. Such partial amendment shall be clearly identified and marked to show deletions and additions.

1. Text of the Proposed Rule Change

(a) Nasdaq BX, Inc. (“BX” or “Exchange”), pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (“Act”)<sup>1</sup> and Rule 19b-4 thereunder,<sup>2</sup> is filing with the Securities and Exchange Commission (“SEC” or “Commission”) a proposal to amend Rule BX Equity 6, Section 5 (Exchange Sharing of Participant Risk Settings) to provide Participants with additional optional settings.

A notice of the proposed rule change for publication in the Federal Register is attached as Exhibit 1. The text of the proposed rule change is attached as Exhibit 5.

(b) Not applicable.

(c) Not applicable.

2. Procedures of the Self-Regulatory Organization

The proposed rule change was approved by senior management of the Exchange pursuant to authority delegated by the Board of Directors (the “Board”). Exchange staff will advise the Board of any action taken pursuant to delegated authority. No other action is necessary for the filing of the rule change.

Questions and comments on the proposed rule change may be directed to:

Nikolai Utochkin  
Associate General Counsel  
Nasdaq, Inc.  
(301) 978-8029

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<sup>1</sup> 15 U.S.C. 78s(b)(1).

<sup>2</sup> 17 CFR 240.19b-4.

3. Self-Regulatory Organization’s Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

a. Purpose

The purpose of the proposed rule changes under Rule BX Equity 6, Section 5 (Exchange Sharing of Participant Risk Settings) is to provide BX Participants (the “Participants”) with additional optional settings to assist them in their efforts to manage risk on their order flow. These additional settings provide participants with extra oversight and controls on orders coming into the exchange. Once the optional risk controls are set, the Exchange is authorized to take automated action if a designated risk level for a Participant is exceeded. Such risk settings would provide Participants with enhanced abilities to manage their risk with respect to orders on the Exchange.

All proposed risk settings are optional for Participants and afford flexibility to Participants to select their own risk tolerance levels. The proposed new and amended risk settings are as follows.

The Exchange is proposing to add an additional risk setting titled “Restricted Stock List.” This control allows a Participant to restrict the types of securities transacted by setting a list of symbols for which orders cannot be entered. This control also allows Participants to set a hard to borrow list, which is a list of symbols for which short sale orders may not be entered. Short sale orders for symbols not on the hard to borrow list will be accepted; however, Participants will have an option to indicate that short sales orders are permitted for all symbols by not maintaining a hard to borrow list. This setting is similar to Interpretations and Policies .01(d) of BZX Rule 11.13.<sup>3</sup>

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<sup>3</sup> See Securities Exchange Act Release No. 80611 (May 5, 2017) 82 FR 22045 (May 11, 2017) (SR-BatsBZX-2017-24).

The Exchange is proposing to add an additional risk setting titled “ADV Check.” This control relates to the size of an order as compared to the 20 day consolidated average daily volume<sup>4</sup> (ADV) of the security and allows a Participant to set a specified percent of ADV that an order size cannot exceed. This control also allows a Participant to specify the minimum value on which such control is based if the average daily volume of the securities is below such value. This setting is similar to Interpretations and Policies .01(g) of BZX Rule 11.13.

The Exchange is proposing to add an additional risk setting titled “Fat Finger Protection.” This control relates to the limit price of an order as compared to the NBBO and includes both percentage-based and dollar-based controls. If the limit price of an order deviates from the NBBO in excess of the amount set by a Participant (either percentage or dollar based), the order will not be accepted. This setting is similar to Interpretations and Policies .01(b) of BZX Rule 11.13.

The Exchange is proposing to add an additional risk setting titled “Rate Thresholds Check.” A Participant will be able to set the maximum number of messages (other than cancellations, but including new orders, replacement orders and modifications) that can be sent in during a configurable one second time window set by the Exchange. This control can be set as a port level or per symbol. This setting is similar to Interpretations and Policies .01(f) of BZX Rule 11.13.

The Exchange is proposing to add an additional risk setting titled “Gross Exposure Check.” This control measures open, executed, or notional exposure of a

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<sup>4</sup> In certain circumstances, when the security does not have 20 days of trading history, the ADV Check is calculated on fewer than 20 data points.

Participant on the Exchange; and, when breached, prevents submission of all new orders and, optionally, will cancel all open orders. Gross open order exposure is measured as the sum of booked price times size for all open orders plus the sum of booked price times size for all open sell orders. Gross executed order exposure is measured as the sum of all executed buy and sell orders. Gross notional order exposure is measured as the sum of the gross open exposure and gross executed exposure. This setting is similar to Interpretations and Policies .01(h) of BZX Rule 11.13.

The Exchange is proposing to add an additional risk setting titled “Market Impact Check.” This optional control, if enabled, will result in the rejection of a Participant’s incoming limit order if the limit price of the order is priced through the far-side of the current LULD bands. In other words, a buy (sell) order cannot be priced more aggressively than the upper (lower) LULD band.<sup>5</sup> The Exchange notes that pursuant to the existing LULD requirements, buy orders priced below the lower price bands (and vice versa for sell orders) will be accepted and are eligible for inclusion in the NBBO; however, these orders are outside the price bands and will be non-executable. If the price bands move in such a way that an order that was previously outside the price band is now inside the band, the order will become executable.

The Exchange believes that this new optional setting is similar to the Exchange’s existing Limit Order Protection (“LOP”). LOP is a feature of the BX that prevents

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<sup>5</sup> The Limit Up-Limit Down (LULD) mechanism is intended to prevent trades in National Market System (NMS) securities from occurring outside of specified price bands. The bands are set at a percentage level above and below the average reference price of the security over the immediately preceding five-minute period. To accommodate fundamental price moves, there is a five-minute trading pause if trading is unable to occur within the specified price band after 15 seconds.

certain Limit Orders at prices outside of pre-set standard limits (“LOP Limit”) from being accepted by the System.<sup>6</sup> LOP is operational each trading day. LOP does not apply in the event that there is no established LOP Reference Price.<sup>7</sup> LOP is applicable on all order entry protocols.<sup>8</sup> While the current LULD functionality would continue to apply, this additional proposed risk setting would allow a Participant to manage its risk more comprehensively.

The Exchange is also proposing to amend two existing risk settings titled, ISO Control and Duplication Control.

Currently, pursuant to BX Equity 6, Section 5(j), the Duplication control will automatically reject an order that a Participant submits to the Exchange to the extent that it is duplicative of another order that the Participant submitted to the Exchange during the prior five seconds. The Exchange proposes to provide additional flexibility for Participants by allowing the interval applicable to this risk check to vary from one to thirty seconds, as set by a Participant. This setting is similar to Interpretations and Policies .01(e) of BZX Rule 11.13.

Pursuant to BX Equity 6, Section 5(b), ISO Control setting prevents a Participant from entering an ISO order onto the Exchange. The Exchange proposes to expand this

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<sup>6</sup> The LOP Limit is the greater of 10% of the LOP Reference Price or \$0.50 for all securities across all trading sessions. The LOP Reference Price is the current National Best Bid or Best Offer, the bid for sell orders and the offer for buy orders.

<sup>7</sup> For example, if there is a one-sided quote or if the NBB, when used as the LOP Reference Price, is equal to or less than \$0.50.

<sup>8</sup> BX maintains several communications protocols for Participants to use in entering Orders and sending other messages, such as: OUCH, RASH, QIX, FLITE and FIX.

setting to allow a Participant to restrict additional order types from being entered. Specifically, a Participant may restrict their ability to place any of the following: ISO Orders (as currently provided by this risk setting), short sale orders, non-auction market orders, pre-market orders or post-market orders. The Exchange proposes to change the title of this risk setting to Order Type/Attribution Check to better reflect its substance, as amended. This setting is similar to Interpretations and Policies .01(c) of BZX Rule 11.13.

As currently provided for existing risk settings, the Exchange will share any Participant risk settings in the trading system that are specified Rule BX Equity 6, Section 5, with the clearing member that clears transactions on behalf of the Participant even if the clearing member is not designated.

#### Implementation

The Exchange intends to implement of the proposed rule changes on or before March 31, 2023. The Exchange will issue an Equity Trader Alert to members announcing the exact date the Exchange will implement the risk protections.

#### b. Statutory Basis

The Exchange believes that its proposal is consistent with Section 6(b) of the Act,<sup>9</sup> in general, and furthers the objectives of Section 6(b)(5) of the Act,<sup>10</sup> in particular, in that it is designed to promote just and equitable principles of trade, to remove impediments to and perfect the mechanism of a free and open market and a national market system, and, in general to protect investors and the public interest.

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<sup>9</sup> 15 U.S.C. 78f(b).

<sup>10</sup> 15 U.S.C. 78f(b)(5).



Specifically, the Exchange believes the proposed amendment will remove impediments to and perfect the mechanism of a free and open market and a national market system because it provides functionality for a Participant to manage its risk exposure, while also maintaining a notification system under Rule BX Equity 6, Section 5 that would help to ensure the Participant and its clearing member are aware of developing issues.

A clearing member guarantees transactions executed on BX for members with whom it has entered into a clearing arrangement, and therefore bears the risk associated with those transactions. The Exchange therefore believes that it is appropriate for the clearing member to have knowledge of what risk settings the Participant may utilize within the Exchange's trading system, as well as the option to set and adjust the risk levels. The proposal will permit clearing members who have a financial interest in the risk settings of Participants with whom the Participants have entered into clearing arrangements to better monitor and manage the potential risks assumed by clearing members, thereby providing clearing members with greater control and flexibility over setting their own risk tolerance and exposure and aiding clearing members in complying with the Act.

In addition, the Exchange believes that the proposed amendments under Rule BX Equity 6, Section 5, are designed to protect investors and the public interest because the proposed functionalities are a form of risk mitigation that will aid Participants and clearing members in minimizing their financial exposure and reduce the potential for disruptive, market-wide events. The proposed new:

- Gross Executed Check settings are appropriate measures to serve as an additional tool for Participants and clearing members to assist them in identifying open, executed, or notional exposure risk;
- Market Impact Check and ADV check may assist Participants in avoiding placing orders with unintentional market impact;
- Rate Thresholds Check may help alert a Participant to excessive message traffic that could affect technical port performance;
- Fat Finger Protection will assist a Participant in avoiding submission of orders with unintended price limits or share sizes;
- Restricted Stock List will assist a Participant in limiting trading for a particular security.

The proposed amendments to ISO Control will a Participant prevent trading in a particular order type by expanding the types of orders subject to this check to pre-market, post-market, short sales, non-auction market orders. The proposed amendments to the Duplication Control will allow a Participant additional flexibility in using this control by letting a Participant to choose the period of time over which this control applies.

The Exchange also believes the proposed amendments will assist Participants and clearing members in managing their financial exposure which, in turn, could enhance the integrity of trading on the securities markets and help to assure the stability of the financial system.

Finally, the Exchange believes that the proposed rule changes do not unfairly discriminate among the Exchange's Participants because use of the risk settings under

Rule BX Equity 6, Section 5 are optional and available to all Participants, and not a prerequisite for participation on the Exchange.

4. Self-Regulatory Organization's Statement on Burden on Competition

The Exchange does not believe that the proposed rule change will impose any burden on competition not necessary or appropriate in furtherance of the purposes of the Act. In fact, the Exchange believes that the proposal will have a positive effect on competition because, it would allow the Exchange to offer risk management functionality that is comparable to functionality being offered by other national securities exchanges. Moreover, by providing Participants and their clearing members additional means to monitor and control risk, the proposed rule may increase confidence in the proper functioning of the markets and contribute to additional competition among trading venues and broker-dealers. Rather than impede competition, the proposal is designed to facilitate more robust risk management by Participants and clearing members, which, in turn, could enhance the integrity of trading on the securities markets and help to assure the stability of the financial system.

5. Self-Regulatory Organization's Statement on Comments on the Proposed Rule Change Received from Members, Participants, or Others

No written comments were either solicited or received.

6. Extension of Time Period for Commission Action

Not applicable.

7. Basis for Summary Effectiveness Pursuant to Section 19(b)(3) or for Accelerated Effectiveness Pursuant to Section 19(b)(2)

The foregoing rule change has become effective pursuant to Section

19(b)(3)(A)(iii)<sup>11</sup> of the Act and Rule 19b-4(f)(6) thereunder<sup>12</sup> in that it effects a change that: (i) does not significantly affect the protection of investors or the public interest; (ii) does not impose any significant burden on competition; and (iii) by its terms, does not become operative for 30 days after the date of the filing, or such shorter time as the Commission may designate if consistent with the protection of investors and the public interest.

The Exchange does not believe that its proposal will significantly affect the protection of investors or the public interest because the Exchange intends to use the proposed changes to assist Participants in limiting their financial exposure and reducing the potential for disruptive market-wide events. Furthermore, the proposed changes are based on the Commission's approval of similar proposed rule filings by the Exchange and Cboe BZX Exchange, Inc.<sup>13</sup> Additionally, the Exchange does not believe that any significant adverse impact will arise from its proposal to provide Participants with the additional optional control settings because the Exchange already had an optional risk setting feature and the proposed changes add additional features. The Exchange does not believe that the proposal will impose any burden on competition and will have a positive effect on competition because it would allow the Exchange to offer risk management functionality that is comparable to functionality being offered by other national securities exchanges.<sup>14</sup>

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<sup>11</sup> 15 U.S.C. 78s(b)(3)(A)(iii).

<sup>12</sup> 17 CFR 240.19b-4(f)(6).

<sup>13</sup> See footnote 4 above.

<sup>14</sup> Id.

Furthermore, Rule 19b-4(f)(6)(iii)<sup>15</sup> requires a self-regulatory organization to give the Commission written notice of its intent to file a proposed rule change under that subsection at least five business days prior to the date of filing, or such shorter time as designated by the Commission. The Exchange has provided such notice.

At any time within 60 days of the filing of the proposed rule change, the Commission summarily may temporarily suspend such rule change if it appears to the Commission that such action is necessary or appropriate in the public interest, for the protection of investors, or otherwise in furtherance of the purposes of the Act. If the Commission takes such action, the Commission shall institute proceedings to determine whether the proposed rule should be approved or disapproved.

8. Proposed Rule Change Based on Rules of Another Self-Regulatory Organization or of the Commission

As discussed throughout the proposal, the Exchange's proposed rules are similar to Interpretations and Policies .03 of BZX Rule 11.13. However, the proposed Order Type/Attribution Check includes non-auction market orders in the list of order types it covers, whereas Interpretations and Policies .01(c) of BZX Rule 11.13 does not. The proposed Restricted Stock List control does not provide for restricting activity to test symbols only, whereas Interpretations and Policies .01(d) of BZX Rule 11.13 does. Finally, the proposed Gross Exposure Check is triggered only upon breach, whereas Interpretations and Policies .01(h) of BZX Rule 11.13 warns when the relevant threshold is approached before it is breached.

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<sup>15</sup> 17 CFR 240.19b-4(f)(6)(iii).

9. Security-Based Swap Submissions Filed Pursuant to Section 3C of the Act

Not applicable.

10. Advance Notices Filed Pursuant to Section 806(e) of the Payment, Clearing and Settlement Supervision Act

Not applicable.

11. Exhibits

1. Notice of Proposed Rule Change for publication in the Federal Register.

5. Text of the proposed rule change.

**EXHIBIT 1**

SECURITIES AND EXCHANGE COMMISSION  
(Release No. \_\_\_\_\_ ; File No. SR-BX-2022-022)

November \_\_, 2022

Self-Regulatory Organizations; Nasdaq BX, Inc.; Notice of Filing and Immediate Effectiveness of Proposed Rule Change to Amend Rule BX Equity 6, Section 5 to Provide Participants with Additional Optional Settings

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (“Act”),<sup>1</sup> and Rule 19b-4 thereunder,<sup>2</sup> notice is hereby given that on November 10, 2022, Nasdaq BX, Inc. (“BX” or “Exchange”) filed with the Securities and Exchange Commission (“SEC” or “Commission”) the proposed rule change as described in Items I, II, and III, below, which Items have been prepared by the Exchange. The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

I. Self-Regulatory Organization’s Statement of the Terms of Substance of the Proposed Rule Change

The Exchange proposes to amend Rule BX Equity 6, Section 5 (Exchange Sharing of Participant Risk Settings) to provide Participants with additional optional settings.

The text of the proposed rule change is available on the Exchange’s Website at <https://listingcenter.nasdaq.com/rulebook/bx/rules>, at the principal office of the Exchange, and at the Commission’s Public Reference Room.

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<sup>1</sup> 15 U.S.C. 78s(b)(1).

<sup>2</sup> 17 CFR 240.19b-4.

II. Self-Regulatory Organization's Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

In its filing with the Commission, the Exchange included statements concerning the purpose of and basis for the proposed rule change and discussed any comments it received on the proposed rule change. The text of these statements may be examined at the places specified in Item IV below. The Exchange has prepared summaries, set forth in sections A, B, and C below, of the most significant aspects of such statements.

A. Self-Regulatory Organization's Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

1. Purpose

The purpose of the proposed rule changes under Rule BX Equity 6, Section 5 (Exchange Sharing of Participant Risk Settings) is to provide BX Participants (the "Participants") with additional optional settings to assist them in their efforts to manage risk on their order flow. These additional settings provide participants with extra oversight and controls on orders coming into the exchange. Once the optional risk controls are set, the Exchange is authorized to take automated action if a designated risk level for a Participant is exceeded. Such risk settings would provide Participants with enhanced abilities to manage their risk with respect to orders on the Exchange.

All proposed risk settings are optional for Participants and afford flexibility to Participants to select their own risk tolerance levels. The proposed new and amended risk settings are as follows.

The Exchange is proposing to add an additional risk setting titled "Restricted Stock List." This control allows a Participant to restrict the types of securities transacted by setting a list of symbols for which orders cannot be entered. This control also allows Participants to set a hard to borrow list, which is a list of symbols for which short sale



orders may not be entered. Short sale orders for symbols not on the hard to borrow list will be accepted; however, Participants will have an option to indicate that short sales orders are permitted for all symbols by not maintaining a hard to borrow list. This setting is similar to Interpretations and Policies .01(d) of BZX Rule 11.13.<sup>3</sup>

The Exchange is proposing to add an additional risk setting titled “ADV Check.” This control relates to the size of an order as compared to the 20 day consolidated average daily volume<sup>4</sup> (ADV) of the security and allows a Participant to set a specified percent of ADV that an order size cannot exceed. This control also allows a Participant to specify the minimum value on which such control is based if the average daily volume of the securities is below such value. This setting is similar to Interpretations and Policies .01(g) of BZX Rule 11.13.

The Exchange is proposing to add an additional risk setting titled “Fat Finger Protection.” This control relates to the limit price of an order as compared to the NBBO and includes both percentage-based and dollar-based controls. If the limit price of an order deviates from the NBBO in excess of the amount set by a Participant (either percentage or dollar based), the order will not be accepted. This setting is similar to Interpretations and Policies .01(b) of BZX Rule 11.13.

The Exchange is proposing to add an additional risk setting titled “Rate Thresholds Check.” A Participant will be able to set the maximum number of messages (other than cancellations, but including new orders, replacement orders and

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<sup>3</sup> See Securities Exchange Act Release No. 80611 (May 5, 2017) 82 FR 22045 (May 11, 2017) (SR-BatsBZX-2017-24).

<sup>4</sup> In certain circumstances, when the security does not have 20 days of trading history, the ADV Check is calculated on fewer than 20 data points.

modifications) that can be sent in during a configurable one second time window set by the Exchange. This control can be set as a port level or per symbol. This setting is similar to Interpretations and Policies .01(f) of BZX Rule 11.13.

The Exchange is proposing to add an additional risk setting titled “Gross Exposure Check.” This control measures open, executed, or notional exposure of a Participant on the Exchange; and, when breached, prevents submission of all new orders and, optionally, will cancel all open orders. Gross open order exposure is measured as the sum of booked price times size for all open orders plus the sum of booked price times size for all open sell orders. Gross executed order exposure is measured as the sum of all executed buy and sell orders. Gross notional order exposure is measured as the sum of the gross open exposure and gross executed exposure. This setting is similar to Interpretations and Policies .01(h) of BZX Rule 11.13.

The Exchange is proposing to add an additional risk setting titled “Market Impact Check.” This optional control, if enabled, will result in the rejection of a Participant’s incoming limit order if the limit price of the order is priced through the far-side of the current LULD bands. In other words, a buy (sell) order cannot be priced more aggressively than the upper (lower) LULD band.<sup>5</sup> The Exchange notes that pursuant to the existing LULD requirements, buy orders priced below the lower price bands (and vice versa for sell orders) will be accepted and are eligible for inclusion in the NBBO; however, these orders are outside the price bands and will be non-executable. If the price

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<sup>5</sup> The Limit Up-Limit Down (LULD) mechanism is intended to prevent trades in National Market System (NMS) securities from occurring outside of specified price bands. The bands are set at a percentage level above and below the average reference price of the security over the immediately preceding five-minute period. To accommodate fundamental price moves, there is a five-minute trading pause if trading is unable to occur within the specified price band after 15 seconds.

bands move in such a way that an order that was previously outside the price band is now inside the band, the order will become executable.

The Exchange believes that this new optional setting is similar to the Exchange's existing Limit Order Protection ("LOP"). LOP is a feature of the BX that prevents certain Limit Orders at prices outside of pre-set standard limits ("LOP Limit") from being accepted by the System.<sup>6</sup> LOP is operational each trading day. LOP does not apply in the event that there is no established LOP Reference Price.<sup>7</sup> LOP is applicable on all order entry protocols.<sup>8</sup> While the current LULD functionality would continue to apply, this additional proposed risk setting would allow a Participant to manage its risk more comprehensively.

The Exchange is also proposing to amend two existing risk settings titled, ISO Control and Duplication Control.

Currently, pursuant to BX Equity 6, Section 5(j), the Duplication control will automatically reject an order that a Participant submits to the Exchange to the extent that it is duplicative of another order that the Participant submitted to the Exchange during the prior five seconds. The Exchange proposes to provide additional flexibility for Participants by allowing the interval applicable to this risk check to vary from one to

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<sup>6</sup> The LOP Limit is the greater of 10% of the LOP Reference Price or \$0.50 for all securities across all trading sessions. The LOP Reference Price is the current National Best Bid or Best Offer, the bid for sell orders and the offer for buy orders.

<sup>7</sup> For example, if there is a one-sided quote or if the NBB, when used as the LOP Reference Price, is equal to or less than \$0.50.

<sup>8</sup> BX maintains several communications protocols for Participants to use in entering Orders and sending other messages, such as: OUCH, RASH, QIX, FLITE and FIX.

thirty seconds, as set by a Participant. This setting is similar to Interpretations and Policies .01(e) of BZX Rule 11.13.

Pursuant to BX Equity 6, Section 5(b), ISO Control setting prevents a Participant from entering an ISO order onto the Exchange. The Exchange proposes to expand this setting to allow a Participant to restrict additional order types from being entered. Specifically, a Participant may restrict their ability to place any of the following: ISO Orders (as currently provided by this risk setting), short sale orders, non-auction market orders, pre-market orders or post-market orders. The Exchange proposes to change the title of this risk setting to Order Type/Attribution Check to better reflect its substance, as amended. This setting is similar to Interpretations and Policies .01(c) of BZX Rule 11.13.

As currently provided for existing risk settings, the Exchange will share any Participant risk settings in the trading system that are specified Rule BX Equity 6, Section 5, with the clearing member that clears transactions on behalf of the Participant even if the clearing member is not designated.

### Implementation

The Exchange intends to implement of the proposed rule changes on or before March 31, 2023. The Exchange will issue an Equity Trader Alert to members announcing the exact date the Exchange will implement the risk protections.

### 2. Statutory Basis

The Exchange believes that its proposal is consistent with Section 6(b) of the Act,<sup>9</sup> in general, and furthers the objectives of Section 6(b)(5) of the Act,<sup>10</sup> in particular,

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<sup>9</sup> 15 U.S.C. 78f(b).

in that it is designed to promote just and equitable principles of trade, to remove impediments to and perfect the mechanism of a free and open market and a national market system, and, in general to protect investors and the public interest.

Specifically, the Exchange believes the proposed amendment will remove impediments to and perfect the mechanism of a free and open market and a national market system because it provides functionality for a Participant to manage its risk exposure, while also maintaining a notification system under Rule BX Equity 6, Section 5 that would help to ensure the Participant and its clearing member are aware of developing issues.

A clearing member guarantees transactions executed on BX for members with whom it has entered into a clearing arrangement, and therefore bears the risk associated with those transactions. The Exchange therefore believes that it is appropriate for the clearing member to have knowledge of what risk settings the Participant may utilize within the Exchange's trading system, as well as the option to set and adjust the risk levels. The proposal will permit clearing members who have a financial interest in the risk settings of Participants with whom the Participants have entered into clearing arrangements to better monitor and manage the potential risks assumed by clearing members, thereby providing clearing members with greater control and flexibility over setting their own risk tolerance and exposure and aiding clearing members in complying with the Act.

In addition, the Exchange believes that the proposed amendments under Rule BX Equity 6, Section 5, are designed to protect investors and the public interest because the

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<sup>10</sup> 15 U.S.C. 78f(b)(5).

proposed functionalities are a form of risk mitigation that will aid Participants and clearing members in minimizing their financial exposure and reduce the potential for disruptive, market-wide events. The proposed new:

- Gross Executed Check settings are appropriate measures to serve as an additional tool for Participants and clearing members to assist them in identifying open, executed, or notional exposure risk;
- Market Impact Check and ADV check may assist Participants in avoiding placing orders with unintentional market impact;
- Rate Thresholds Check may help alert a Participant to excessive message traffic that could affect technical port performance;
- Fat Finger Protection will assist a Participant in avoiding submission of orders with unintended price limits or share sizes;
- Restricted Stock List will assist a Participant in limiting trading for a particular security.

The proposed amendments to ISO Control will a Participant prevent trading in a particular order type by expanding the types of orders subject to this check to pre-market, post-market, short sales, non-auction market orders. The proposed amendments to the Duplication Control will allow a Participant additional flexibility in using this control by letting a Participant to choose the period of time over which this control applies.

The Exchange also believes the proposed amendments will assist Participants and clearing members in managing their financial exposure which, in turn, could enhance the integrity of trading on the securities markets and help to assure the stability of the financial system.

Finally, the Exchange believes that the proposed rule changes do not unfairly discriminate among the Exchange's Participants because use of the risk settings under Rule BX Equity 6, Section 5 are optional and available to all Participants, and not a prerequisite for participation on the Exchange.

B. Self-Regulatory Organization's Statement on Burden on Competition

The Exchange does not believe that the proposed rule change will impose any burden on competition not necessary or appropriate in furtherance of the purposes of the Act. In fact, the Exchange believes that the proposal will have a positive effect on competition because, it would allow the Exchange to offer risk management functionality that is comparable to functionality being offered by other national securities exchanges. Moreover, by providing Participants and their clearing members additional means to monitor and control risk, the proposed rule may increase confidence in the proper functioning of the markets and contribute to additional competition among trading venues and broker-dealers. Rather than impede competition, the proposal is designed to facilitate more robust risk management by Participants and clearing members, which, in turn, could enhance the integrity of trading on the securities markets and help to assure the stability of the financial system.

C. Self-Regulatory Organization's Statement on Comments on the Proposed Rule Change Received from Members, Participants, or Others

No written comments were either solicited or received.

III. Date of Effectiveness of the Proposed Rule Change and Timing for Commission Action

Because the foregoing proposed rule change does not: (i) significantly affect the protection of investors or the public interest; (ii) impose any significant burden on competition; and (iii) become operative for 30 days from the date on which it was filed,

or such shorter time as the Commission may designate, it has become effective pursuant to Section 19(b)(3)(A)(iii) of the Act<sup>11</sup> and subparagraph (f)(6) of Rule 19b-4 thereunder.<sup>12</sup>

At any time within 60 days of the filing of the proposed rule change, the Commission summarily may temporarily suspend such rule change if it appears to the Commission that such action is necessary or appropriate in the public interest, for the protection of investors, or otherwise in furtherance of the purposes of the Act. If the Commission takes such action, the Commission shall institute proceedings to determine whether the proposed rule should be approved or disapproved.

#### IV. Solicitation of Comments

Interested persons are invited to submit written data, views, and arguments concerning the foregoing, including whether the proposed rule change is consistent with the Act. Comments may be submitted by any of the following methods:

Electronic comments:

- Use the Commission's Internet comment form (<http://www.sec.gov/rules/sro.shtml>); or
- Send an e-mail to [rule-comments@sec.gov](mailto:rule-comments@sec.gov). Please include File Number SR-BX-2022-022 on the subject line.

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<sup>11</sup> 15 U.S.C. 78s(b)(3)(A)(iii).

<sup>12</sup> 17 CFR 240.19b-4(f)(6). In addition, Rule 19b-4(f)(6) requires a self-regulatory organization to give the Commission written notice of its intent to file the proposed rule change at least five business days prior to the date of filing of the proposed rule change, or such shorter time as designated by the Commission. The Exchange has satisfied this requirement.



Paper comments:

- Send paper comments in triplicate to Secretary, Securities and Exchange Commission, 100 F Street, NE, Washington, DC 20549-1090.

All submissions should refer to File Number SR-BX-2022-022. This file number should be included on the subject line if e-mail is used. To help the Commission process and review your comments more efficiently, please use only one method. The Commission will post all comments on the Commission's Internet Web site (<http://www.sec.gov/rules/sro.shtml>).

Copies of the submission, all subsequent amendments, all written statements with respect to the proposed rule change that are filed with the Commission, and all written communications relating to the proposed rule change between the Commission and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for website viewing and printing in the Commission's Public Reference Room, 100 F Street, NE, Washington, DC 20549, on official business days between the hours of 10:00 a.m. and 3:00 p.m. Copies of the filing also will be available for inspection and copying at the principal office of the Exchange. All comments received will be posted without change; the Commission does not edit personal identifying information from submissions. You should submit only information that you wish to make available publicly.

All submissions should refer to File Number SR-BX-2022-022 and should be submitted on or before [insert date 21 days from publication in the Federal Register].

For the Commission, by the Division of Trading and Markets, pursuant to delegated authority.<sup>13</sup>

J. Matthew DeLesDernier  
Assistant Secretary

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<sup>13</sup> 17 CFR 200.30-3(a)(12).

**EXHIBIT 5**

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

**Rules of Nasdaq BX**

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**BX Equity 6**

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**Section 5. Exchange Sharing of Participant Risk Settings**

The Exchange offers certain risk settings applicable to a Participant's activities on the Exchange. The risk settings currently offered by the Exchange are:

(a) No change.

(b) [ISO Control] Order Type/Attribution Check - [When enabled by a Participant, this optional control will prevent a Participant from entering an ISO order onto the Exchange] This control relates to the order types or modifiers that can be utilized (including pre-market, post-market, short sales, non-auction market orders and Intermarket Sweep Orders);

(c) – (h) No change.

(i) This control will automatically block an attempt by a Participant using a particular MPID to route orders away to buy or sell equity securities that, cumulatively, exceed 9.5 million shares during a five second time period; [and]

(j) Duplication Control - This control will automatically reject an order that a Participant submits to the Exchange to the extent that it is duplicative of another order that the Participant submitted to the Exchange during the immediately preceding period of time configurable for up to 30[prior five] seconds[.];

(k) Restricted Stock List - This control restricts the types of securities transacted (including restricted securities and hard to borrow securities);

(l) ADV Check - This control relates to the size of an order as compared to the consolidated average daily volume of the security (including the ability to specify the minimum value on which such control is based if the average daily volume of the securities is below such value);

(m) Fat Finger Protection - This control relates to the price of an order by evaluating whether the limit price is set too aggressively through the NBBO (percentage-based and dollar-based controls are available);

(n) Rate Thresholds Check - This control restricts the maximum number of messages that can be sent in a configurable rolling interval (including per port and per symbol);

(o) Market Impact Check - This control restricts an incoming order limit price from being priced through the far-side of the current LULD bands; and

(p) Gross Exposure Check - This control measures open, executed, or notional exposure; and, when breached, prevents submission of all new orders and, optionally, cancels all open orders.

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