

For the Commission, by the Division of Trading and Markets, pursuant to delegated authority.³²

Brent J. Fields,
Secretary.

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SECURITIES AND EXCHANGE COMMISSION

[Release No. 34–84948; File No. SR–CboeBZX–2018–044]

Self-Regulatory Organizations; Cboe BZX Exchange, Inc.; Notice of Designation of a Longer Period for Commission Action on Proceedings To Determine Whether To Approve or Disapprove a Proposed Rule Change, as Modified by Amendment No. 1, To Amend BZX Rule 14.11(c) (Index Fund Shares)

December 21, 2018.

On June 21, 2018, Cboe BZX Exchange, Inc. (“Exchange” or “BZX”) filed with the Securities and Exchange Commission (“Commission”), pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (“Act”)¹ and Rule 19b–4 thereunder,² a proposed rule change to amend BZX Rule 14.11(c) to permit either the portfolio holdings of a series of Index Fund Shares or the index underlying a series of Index Fund Shares to satisfy the listing standards under BZX Rules 14.11(c)(3), (4), and (5). The proposed rule change was published for comment in the **Federal Register** on July 11, 2018.³ On August 23, 2018, pursuant to Section 19(b)(2) of the Act,⁴ the Commission designated a longer period within which to approve the proposed rule change, disapprove the proposed rule change, or institute proceedings to determine whether to approve or disapprove the proposed rule change.⁵ On September 28, 2018, the Exchange filed Amendment No. 1 to the proposed rule change, which amended and replaced the proposed rule change as originally filed. On October 5, 2018, the Commission published notice of Amendment No. 1 and instituted proceedings pursuant to Section 19(b)(2)(B) of the Act⁶ to determine whether to approve or disapprove the proposed rule change, as

modified by Amendment No. 1.⁷ The Commission has received one comment letter on the proposed rule change.⁸

Section 19(b)(2) of the Act⁹ provides that, after initiating disapproval proceedings, the Commission shall issue an order approving or disapproving the proposed rule change not later than 180 days after the date of publication of notice of filing of the proposed rule change. The Commission may extend the period for issuing an order approving or disapproving the proposed rule change, however, by not more than 60 days if the Commission determines that a longer period is appropriate and publishes the reasons for such determination. The proposed rule change was published for notice and comment in the **Federal Register** on July 11, 2018. January 7, 2019 is 180 days from that date, and March 8, 2019 is 240 days from that date.

The Commission finds it appropriate to designate a longer period within which to issue an order approving or disapproving the proposed rule change so that it has sufficient time to consider the proposed rule change, as modified by Amendment No. 1. Accordingly, the Commission, pursuant to Section 19(b)(2) of the Act,¹⁰ designates March 8, 2019 as the date by which the Commission shall either approve or disapprove the proposed rule change, as modified by Amendment No. 1 (File No. SR–CboeBZX–2018–044).

For the Commission, by the Division of Trading and Markets, pursuant to delegated authority.¹¹

Brent J. Fields,
Secretary.

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SECURITIES AND EXCHANGE COMMISSION

[Release No. 34–84929; File No. SR–CboeEDGX–2018–060]

Self-Regulatory Organizations; Cboe EDGX Exchange, Inc.; Notice of Filing and Immediate Effectiveness of a Proposed Rule Change Relating To Discontinue Bulk Order Functionality and Implement Bulk Message Functionality, and Make Other Nonsubstantive Changes

December 21, 2018.

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (“Act”),¹ and Rule 19b–4 thereunder,² notice is hereby given that on December 13, 2018, Cboe EDGX Exchange, Inc. (the “Exchange” or “EDGX”) filed with the Securities and Exchange Commission (“Commission”) the proposed rule change as described in Items I and II 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 text of the proposed rule change is also available on the Exchange’s website (<http://www.cboe.com/AboutCBOE/CBOELegalRegulatoryHome.aspx>), at the Exchange’s Office of the Secretary, and at the Commission’s Public Reference Room.

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

In 2016, the Exchange’s parent company, Cboe Global Markets, Inc. (“Cboe Global”), which is the parent

³² 17 CFR 200.30–3(a)(12).

¹ 15 U.S.C. 78s(b)(1).

² 17 CFR 240.19b–4.

³ See Securities Exchange Act Release No. 83594 (July 5, 2018), 83 FR 32158.

⁴ 15 U.S.C. 78s(b)(2).

⁵ See Securities Exchange Act Release No. 83919, 83 FR 44083 (August 29, 2018).

⁶ 15 U.S.C. 78s(b)(2)(B).

⁷ See Securities Exchange Act Release No. 84378, 83 FR 51745 (October 12, 2018).

⁸ See letter from Kyle Murray, Assistant General Counsel, Cboe Global Markets, Inc. to Brent J. Fields, Secretary, Commission, dated November 16, 2018.

⁹ 15 U.S.C. 78s(b)(2).

¹⁰ *Id.*

¹¹ 17 CFR 200.30–3(a)(57).

¹ 15 U.S.C. 78s(b)(1).

² 17 CFR 240.19b–4.

company of Cboe Exchange, Inc. (“Cboe Options”) and Cboe C2 Exchange, Inc. (“C2”), acquired the Exchange, Cboe EDGA Exchange, Inc. (“EDGA”), Cboe BZX Exchange, Inc. (“BZX or BZX Options”), and Cboe BYX Exchange, Inc. (“BYX” and, together with C2, Cboe Options, the Exchange, EDGA, and BZX, the “Cboe Affiliated Exchanges”). The Cboe Affiliated Exchanges are working to align certain system functionality, retaining only intended differences between the Cboe Affiliated Exchanges, in the context of a technology migration. Cboe Options intends to migrate its technology to the same trading platform used by the Exchange, C2, and BZX Options in the fourth quarter of 2019. The proposal set forth below is intended to add certain functionality to the Exchange’s System that is more similar to functionality offered by Cboe Options in order to ultimately provide a consistent technology offering for market participants who interact with the Cboe Affiliated Exchanges. Although the Exchange intentionally offers certain features that differ from those offered by its affiliates and will continue to do so, the Exchange believes that offering similar functionality to the extent practicable will reduce potential confusion for Users.

Cboe Options currently offers quoting functionality to Market-Makers, which permits Market-Makers to update their electronic quotes in block quantities.³ Quotes on Cboe Options do not route to other exchanges,⁴ and Market-Makers generally enter new quotes at the beginning of the trading day based on then current market conditions.⁵ The Exchange currently offers bulk order functionality, which is intended to provide Users, and Market-Makers in particular, with a way to submit orders that simulate quoting functionality.⁶ However, while bulk order functionality simulates quoting functionality, bulk order functionality provides Users with a less efficient way to update multiple bids and offers. To update multiple bids

and offers, a User must submit multiple messages at the same time, compared to quoting functionality, which generally permits a market participant to update multiple bids and offers in a single quote message. Specifically, a bulk order port is a dedicated logical port that provides Users with the ability to submit single and bulk order messages to enter, modify, or cancel orders designated as Post Only Orders⁷ with a Time-in-Force of Day⁸ or Good-till-Date (“GTD”) ⁹ with an expiration time on that trading day.¹⁰ Like quotes, bulk order messages do not route to other exchanges because they include a Post Only instruction.¹¹ Use of the Day or GTD Time-in-Force is consistent with Market-Maker’s entry of new quotes at the beginning of each trading day.¹² Unlike current Cboe Options quoting functionality, bulk order ports on the Exchange are available to all Users, not just Market-Makers. The Exchange makes bulk order ports available to all Users to encourage them to provide liquidity to the Exchange’s market.

The Exchange proposes to replace bulk order functionality with bulk message functionality substantially similar to the quoting functionality available on Cboe Options. The proposed bulk message functionality is similar to but more efficient than currently available bulk order functionality.¹³ A “bulk port” is a dedicated logical port that, as proposed, would provide Users with the ability to submit:

(1) Bulk messages,¹⁴ subject to the following:

⁷ See Rule 21.1(d)(8) for the definition of “Post Only Orders.”

⁸ See Rule 21.1(f)(3) for the definition of the “Day” Time-in-Force.

⁹ See Rule 21.1(f)(1) for the definition of the GTD Time-in-Force.

¹⁰ See current Rule 21.1(j)(3) for the current definition of “bulk order ports.” Pursuant to Rule 21.1(j)(3)(C), Users may also submit auction responses through bulk order ports, and will continue to be able to submit auction responses through bulk ports.

¹¹ See Rule 21.1(d)(8), which provides that an order with a Post Only instruction may not route away to another exchange.

¹² See *supra* note 8.

¹³ See *supra* note 4 (the Exchange adopted bulk order functionality to simulate quoting functionality).

¹⁴ Proposed Rule 16.1(a)(4) defines a bulk message as a bid or offer included in a single electronic message a User submits to the Exchange in which the User may enter, modify, or cancel up to an Exchange-specified number of bids and offers (which number the Exchange will announce via Exchange notice or publicly available technical specifications). This is similar to Cboe Options Rule 1.1(ppp), which provides that electronic quotes may be updated in block quantities. The limit on bids and offers per message is a reasonable measure for the Exchange to use to manage message traffic and activity to protect the integrity of the System.

(a) A bulk message has a Time-in-Force of Day;

(b) a Market-Maker with an appointment in a series may designate a bulk message for that series as Post Only or Book Only (which Post Only or Book Only designation, as applicable, applies to all bulk message bids and offers within a single message),¹⁵ and other Users must designate a bulk message for that series as Post Only; and

(c) a User may establish a default Match Trade Prevention (“MTP”) Modifier of MTP Cancel Newest (“MCN”), MTP Cancel Oldest (“MCO”), or MTP Cancel Both (“MCB”), and a default value of Attributable or Non-Attributable, for a bulk port, each of which applies to all bulk messages submitted to the Exchange through that bulk port;

(2) single orders in the same manner as Users may submit orders to the Exchange through any type of port,¹⁶ including designated with any Order Type and any Time-in-Force in Rule 21.1(d) and (f), respectively, except a Market-Maker with an appointment in a series may designate an order for that series submitted through a bulk port only as Post Only or Book Only, and other Users must designate an order for that series submitted through a bulk port as Post Only; and

(3) auction responses.¹⁷

Proposed Rule 21.1(j)(3)(A)(i) states that bulk messages have a Time-in-Force of Day. As discussed above, this is consistent with current Cboe Options quoting functionality, which cancels all resting quotes at the close of the trading

Proposed Rule 16.1(a)(4) also states that a User may submit a bulk message through a bulk port as set forth in proposed Rule 21.1(j)(3), and that the System handles a bulk messages in the same manner as it handles an order or quote, unless the Rules specify otherwise. In other words, a bulk message will be treated as an order (or quote if submitted by a Market-Maker) pursuant to the Rules, including with respect to priority and allocation. The proposed rule change identifies the rule provisions pursuant to which bulk messages will be handled in a different manner. The proposed rule change also amends the paragraph numbering in Rule 16.1(a) to account for the addition of bulk messages in subparagraph (a)(4).

¹⁵ In other words, a Market-Maker cannot designate one bulk message bid within a single message as Post Only and designate another bulk message bid within the same message as Book Only.

¹⁶ The proposed rule change also specifies that, subject to the restrictions in the proposed rule, Users may submit single orders through bulk ports in the same manner as they may submit single orders through any other type port, which is consistent with how Users may submit single orders to the Exchange through bulk order ports today.

¹⁷ See proposed Rule 21.1(j)(3)(C). The proposed rule change has no impact on the ability of Users to submit auction responses through bulk ports, and clarifies that Users may submit auction responses through bulk ports in the same manner as they may submit auction responses through any other type of port.

³ See Cboe Options Rule 1.1(ppp).

⁴ See Cboe Options Rule 6.14B (which describes how the Exchange routes orders (specifically intermarket sweep orders) but not quotes routed to other exchanges); see also Nyse Arca, LLC (“Arca”) Rule 6.37–O(a)(3)(D) (which states quotes do not route).

⁵ The Exchange understands this is common practice by Market-Makers throughout the industry, and is consistent with Cboe Options functionality, which cancels all unexecuted resting Market-Maker quotes at the close of each trading day. Additionally, it is consistent with Market-Makers’ obligation to update market quotations in response to changed market conditions. See Rule 22.5(a)(5); see also Cboe Options Rule 8.7(b)(iii).

⁶ See Securities Exchange Act Release No. 82741 (February 20, 2018), 83 FR 8306 (February 26, 2018) (SR–CboeEDGX–2018–005).

day. This is also consistent with a Market-Maker's obligation to update its quotations in response to changed market conditions in its appointed classes.¹⁸ Unlike current bulk orders, the GTD Time-in-Force with an expiration time on that trading day will not be available for bulk messages. Users will continue to have the ability to manually cancel bulk messages at any time during the trading day, they will just not be able to have bulk messages automatically cancel at a specific time on that trading day. Additionally, Users may apply the GTD Order Type to orders submitted through a bulk port (as further discussed below) or other type of port.

Unlike Cboe Options quoting functionality, which is only available to Cboe Options market-makers, the proposed bulk messages will be available to all Users (as bulk orders are today). While all Users will be able to use bulk messages (and may currently use bulk orders), the primary purpose of bulk orders and the proposed bulk messages has always been to encourage market-maker quoting on exchanges.¹⁹ The proposed rule change provides that a Market-Maker with an appointment in a series may designate a bulk message for that series as "Post Only" or "Book Only." This will provide Exchange Market-Makers with functionality substantially similar to Cboe Options quoting functionality currently available to Cboe Options market-makers, which permits Market-Makers' incoming quotes to execute against resting orders and quotes, except against the resting quote of another Market-Maker (see discussion below).²⁰ The Exchange believes permitting Market-Makers to use bulk messages to remove liquidity from the Book (if they so elect) will put Exchange Market-Makers on an even playing field as market-makers on other exchanges that offer quoting functionality. Additionally, Market-Makers are subject to various obligations, including obligations to provide two-sided quotes, to provide continuous quotes, and to trade at least 75% of its contracts each quarter in appointed classes. The Exchange believes providing Market-Makers with flexibility to use the Post Only or Book Only instruction with respect to bulk messages will provide Market-Makers with additional tools to meet their

obligations in a manner they deem appropriate. The Exchange further believes this may encourage liquidity providers to register as Market-Makers.

The proposed rule change provides that other Users (*i.e.*, non-Market-Makers or Market-Makers without an appointment in a series) must designate a bulk message for that series as "Post Only." This is consistent with current bulk orders available to these Users, and will continue to provide Users with flexibility to avoid incurring a take fee if their intent is to add liquidity to the Book. The Exchange notes these Users may apply the Book Only instruction to orders submitted to the Exchange through other ports. The proposed rule change also amends Rule 21.9 to make clear that bulk messages (like current bulk orders) are not eligible for routing (which is consistent with the Order Types of Post Only and Book Only, which do not route to other options markets).²¹

The proposed rule change also permits Users to establish a default MTP Modifier of MCN, MCO, or MCB that would apply to all bulk messages submitted through a bulk port. Cboe Options currently offers a Market-Maker Trade Prevention Order, which would be cancelled if it would trade against a resting quote or order for the same Market-Maker, and also cancel the resting order or quote.²² This is equivalent to the MCB Modifier (except the MCB Modifier may be used by all Users rather than just Market-Makers). The proposed rule change provides Users with the ability to apply same trade prevention designation that is available for quotes on Cboe Options to bulk messages (MCB), as well as two additional MTP options (MCN and MCO) (the Exchange notes there is currently no trade prevention functionality equivalent to MCN or MCO available on Cboe Options for quotes). Allowing three MTP designations for bulk messages will provide Users with additional control over the circumstances in which their bulk messages (and resting orders (including bulk messages)) will interact with each other. The Exchange does not believe there is demand by Users for the MDC and MCS modifies (which are available on the Exchange for orders) for bulk messages (the Exchange notes there is currently no trade prevention functionality equivalent to MDC or MCS available on Cboe Options for quotes). The Exchange notes all Users may continue to apply all MTP Modifiers to

orders submitted through a bulk port (as further discussed below) or any other type of port.

Generally, the System will handle bulk messages in the same manner as it handles orders with the same Order Types and Times-in-Force that will be available for bulk messages, including prioritizing, displaying, and executing them pursuant to Rule 21.8. Proposed Rule 21.1(j)(3)(A)(iv) through (vi) adds detail regarding how the System will handle bulk messages and orders submitted through bulk ports. Specifically, proposed subparagraph (A)(iv) states the System will cancel or reject a Post Only bulk message bid (offer) with a price that locks or crosses the Exchange best offer (bid) or the ABO (ABB).²³ This is consistent with how the System would handle a Post Only order not subject to the Price Adjust process.²⁴ Pursuant to the Post Only instruction, an order (or bulk message as proposed) may not remove liquidity from the Book or route away to another Exchange. If a Post Only bulk message locked or crossed the best contra-side interest on the Exchange, the System would cancel it to prevent execution of the bulk message against the interest on the Exchange in accordance with the User's instructions and to prevent the Exchange from displaying a locked or crossed market.²⁵ Similarly, if a Post Only bulk message locked or crossed an away market, the System would cancel it since it cannot route in accordance with the User's instructions and to prevent the Exchange's dissemination of a locked or crossed market.²⁶

Similarly, proposed subparagraph (A)(v) states the System will execute a Book Only bulk message bid (offer) that locks or crosses the ABO (ABB) against offers (bids) resting in the Book at prices the same as or better than the ABO

²³ The ABBO means the best bid (offer) disseminated by other exchanges.

²⁴ See Rule 21.1(i). Pursuant to the Price Adjust process, the System ranks and displays a buy (sell) order that, at the time of entry, would lock a Protected Quotation of the Exchange or another Exchange at one minimum price increment below (above) the current NBO (NBB). The System executes a Book Only order against orders and quotes and cancels any unexecuted portion if displaying the order on the Book would create a violation of Rule 27.3, and the System rejects a Post Only order that locks or crosses the opposite side Exchange best bid or offer ("BBO") or if displaying the order on the Book would create a violation of Rule 27.3). Bulk messages will not be eligible for the Price Adjust process, and thus will be handled similar to an order not subject to the Price Adjust process. See proposed Rule 21.1(i) (which clarifies that the Price Adjust Process will not apply to bulk messages).

²⁵ See Chapter XXVII of the Rules; see also Options Order Protection and Locked/Crossed Market Plan (the "Linkage Plan").

²⁶ See *id.*

¹⁸ See Rule 22.5(a)(5).

¹⁹ See *supra* notes 8 and 15.

²⁰ Incoming market-maker quotes on some options exchanges may execute against interest resting in the book (see, e.g., Arca Rule 6.37A–O(a)(3)), while on other options exchanges they may not (see, e.g., Box Options Exchange, LLC ("BOX") Rule 8050, IM–8050–3).

²¹ See also Cboe Options Rule 6.14B; and Arca Rule 6.37A–O(a)(3)(D).

²² See Cboe Options Rule 6.53(v).

(ABB) and then cancels the unexecuted portion. This is consistent with how the System would handle a Book Only order not subject to the Price Adjust process. Pursuant to the Book Only instruction, an order (or bulk message as proposed) may not route away to another Exchange. If a Book Only bulk message locked or crossed an away market, the System would execute it to the extent it could against contra-side interest on the Exchange and then cancel it since it cannot route in accordance with the User's instructions and to prevent the Exchange's dissemination of a locked or crossed market.²⁷ In addition to being similar to current Exchange Rules regarding the handling of Post Only and Book Only Orders not subject to the Price Adjust process, the Exchange notes that proposed subparagraphs (A)(iv) and (v) are substantially the same as another exchange's handling rules applicable to quotes.²⁸

Proposed subparagraph (A)(vi) states the System will cancel or reject a Book Only bulk message bid (offer) (or unexecuted portion) submitted by a Market-Maker with an appointment in the series through a bulk port if it would execute against a resting offer (bid) with a Capacity of M (Market-Maker). The options market is driven by Market-Maker quotes, and thus Market-Maker quotes are critical to provide liquidity to the market and contribute to price discovery for investors. The Exchange expects Market-Makers regularly to use bulk messages to input and update prices on multiple series of options at the same time. Market-Maker quotes are generally based on pricing models that rely on various factors, including the price of the underlying security and that security's volatility. As these variables change, a Market-Maker's pricing model automatically will enter updates to its bids and offers with bulk messages for some or all of an option's series. Because Market-Makers may update bids and offers using bulk messages in multiple series at the same time, there can be a multitude of instances in which their bids and offers inadvertently interact with each other, which can lead to significant risk and exposure. This

may occur, for example, when one Market-Maker's price update system is faster than systems used by other Market-Makers. In this respect, a Market-Maker's system that updates options prices microseconds faster than another Market-Maker's system may lock or cross its bids (offers) against the other Market-Maker's offers (bids) every time its bid (offer) adjusts to the offer (bid) of the second Market-Maker even if the second Market-Maker's system was also in the process of updating that offer (bid). For example, assume Market-Makers A and B are both quoting \$1.10–1.20 when the underlying moves, causing both each Market-Maker's system to update its quotes to \$1.20–1.30. By being microseconds faster, Market-Maker A's system will send a bid of \$1.20, which locks Market-Maker B's offer prior to Market-Maker B's offer updating, even though its system was also in the process of updating its offer. This could happen contemporaneously in a large number of series within the class, such that instead of locking one quote, Market-Maker A may lock 20 of Market-Maker B's quotes. This may expose each Market-Maker to significant risk due to these unintended executions.

The proposed rule change will protect Market-Makers from executions that occur due to technology disparities rather than the intention of Market-Makers to trade with one another at a particular price. As a result, Market-Maker quotes will continue to provide liquidity on the Book. This proposed functionality is similar to the quote-lock functionality available on Cboe Options.²⁹ While that functionality permits locked quotes to execute against each other after a specified amount of time, it also provides market-makers with an opportunity to update their resting quotes, which would prevent execution of an incoming market-maker quote against a resting market-maker quote. As proposed, a Market-Maker bulk message (or order) will be rejected if it would execute against resting Market-Maker interest. The Market-Maker may resubmit its bulk message (or order) after being rejected, which would be able to rest in the Book if the Market-Maker repriced its resting bid or offer in the interim. Additionally, a Market-Maker may interact with resting Market-Maker interest by submitting an order to the Exchange through a different type of port.

Proposed Rule 21.6(a) provides that a User may only enter one bid and one offer for a series per Executing Firm ID ("EFID") per bulk port. The Exchange believes this will encourage Users to

submit their best bids and offers in series, and thus provide displayed liquidity to the market and contribute to public price discovery. Note firms may have multiple EFIDs and multiple bulk ports, and thus will have the ability through separate ports or EFIDs to submit additional bids and offers using bulk messages in the same series if they choose. This provision is consistent with the rule interpretation of another exchange.³⁰

In addition to permitting Users to submit bulk orders (which functionality the Exchange will discontinue and replace with bulk message functionality), current bulk order ports permit Users to submit single orders to the Exchange. To encourage Users that may not have quoting systems to provide liquidity to the Exchange, the proposed rule change will permit Users to continue to submit single orders to the Exchange through these ports, which are proposed to be renamed as bulk ports. Proposed Rule 21.1(j)(3)(B)(i) will permit Users to designate these orders with any Order Type and any Time-in-Force in Rule 21.1(d) and (f), respectively, subject to the Book Only and Post Only restrictions described below. This will provide Users with additional functionality that is available for single orders submitted through bulk ports today, and allow their liquidity to rest on the Exchange for multiple trading days, if Users so choose. This will also provide Users with additional control over the orders they use to provide liquidity to the Exchange through bulk ports. Proposed subparagraph (B)(i) imposes the same restrictions on the use of Book Only and Post Only for orders submitted through a bulk port that apply to bulk messages, as described above. Additionally, proposed subparagraph (B)(ii) imposes the same prohibition on Market-Maker orders submitted through bulk ports from removing resting Market-Maker

³⁰ See Cboe Options Regulatory Circular RG18–008 (March 6, 2018), which provides that each market-maker acronym may only have one quote (which is considered to be a two-sided quote) in each series at a time. An EFID is comparable to an acronym. Under Cboe Options rules, the term Market-Maker generally refers to an individual (and thus a person with a specific acronym), except as otherwise provided in the Rules. See, e.g., Cboe Options Rule 8.7(d)(ii)(B) (which provides that market-maker continuous electronic quoting obligations may be satisfied by market-makers either individually or collectively with market-makers of the same TPH organization). The interpretation in the circular referenced above is consistent with this term and a Market-Maker's obligations set forth in Rule 8.7 (e.g., market-Makers must contribute to the maintenance of a fair and orderly market, including by competing to improve markets, update quotes in response to changed market conditions, and price options contracts fairly).

²⁷ See *id.*

²⁸ See Cboe Options Rule 6.14(b) (if Cboe Options is not at the NBBO, the System rejects a quote back to a Market-Maker if the quote locks or crosses the NBBO, which is the ABBO) and (c) (if the Cboe Options System accepts a quote that locks or crosses the NBBO, it executes the quote against quotes and orders in the Cboe Options Book at the price(s) that is the same or better than the best price disseminated by an away exchange(s) up to the size available on the Exchange and cancels the remaining size if the quote's price locks or crosses the ABBO or books any remaining size); see also Rule 6.37A–O(a)(3).

²⁹ See Cboe Options Rule 6.45(c).

interest that applies to bulk messages, as described above. The Exchange believes it is appropriate for orders submitted through bulk ports be subject to the same restrictions on adding and removing liquidity as bulk messages submitted through bulk ports, so that orders submitted through bulk ports do not have an advantage over bulk messages, and vice versa.

While liquidity providers are most commonly registered market-makers, other professional traders also provide liquidity to the options market, which contributes to price discovery. As a result, unlike other exchanges that restrict quoting functionality to market-makers, the Exchange believes it is appropriate to make bulk messages available to all Users to encourage them to provide liquidity, which is critical to the Exchange's market. Additionally, permitting orders to be submitted through bulk ports will continue to provide all liquidity providers with this functionality that is available today, as well as additional flexibility with respect to this functionality they may use to provide liquidity to the Exchange.

The proposed rule change adds a price protection mechanism for bulk messages similar to the fat finger check the Exchange currently provides for orders. Proposed Rule 21.17(f) states the System cancels or rejects any bulk message bid (offer) above (below) the NBO (NBB) by more than a specified amount determined by the Exchange. This is similar to the fat finger check currently applicable to limit orders.³¹ Bulk messages that cross the NBBO by more than a specified amount are rejected as presumptively erroneous. This proposed check will not apply to bulk messages submitted prior to the conclusion of the Opening Process or when no NBBO is available. The Exchange believes it is appropriate to have the ability to not apply this check during the pre-open or opening rotation so that the check does not impact the determination of the opening price. The Exchange also believes it is appropriate to not apply this check when there is no NBBO, as the Exchange believes that is the most reliable measure against which to compare the price of the bulk message to determine its reasonability. The proposed change is similar to a

quote price protection mechanism available at other options exchanges.³²

Proposed Rule 21.17(g) states if, pursuant to the Rules, the System cancels or rejects a bulk message bid (offer) to update a resting bulk message bid (offer) submitted for the same EFID and bulk port, the System also cancels the resting bulk message bid (offer). The Exchange currently offers Users similar functionality for orders, which is optional.³³ Pursuant to the proposed rule change, the System will always apply this protection to bulk messages. The Exchange believes this will operate as an additional safeguard that causes liquidity providers to re-evaluate their bids and offers in a series before attempting to update them again. Additionally, when a User submits a new bulk message, it is implicitly instructing the Exchange to cancel any resting bulk message in the same series. Thus, even if the new bulk message is rejected as a result of this proposed check, the implicit instruction to cancel the resting bulk message remains valid nonetheless. The proposed rule change is substantially similar to a risk control applicable to quotes available at another options exchange.³⁴

The proposed rule change amends Rule 21.1(d), (f), and (g) to provide that eligible Order Types, Times in Force, and MTP Modifiers, respectively, are subject to the proposed restrictions in Rule 21.1(j) with respect to orders and bulk messages submitted through bulk ports, and clarify which Order Types, Times in Force, and MTP Modifiers are available and not available for bulk messages, as described above. The proposed rule change also amends the definitions of Orders, Order Types, Time in Force, and MTP Modifiers in Rule 21.1(c), (d), (f), and (g), respectively, in accordance with proposed Rule 21.1(j)(3)(A).

Additionally, the proposed rule change amends Rule 21.20 to make clear that Users may not submit complex orders through bulk ports.³⁵ The proposed rule change also amends Rules 21.18 and 21.19 to clarify that bulk messages are not eligible for the Step Up Mechanism for Bats Auction Mechanism, respectively. Quotes are not

eligible for submission in corresponding auction mechanisms on Cboe Options.³⁶

2. Statutory Basis

The Exchange believes the proposed rule change is consistent with the Securities Exchange Act of 1934 (the "Act") and the rules and regulations thereunder applicable to the Exchange and, in particular, the requirements of Section 6(b) of the Act.³⁷ Specifically, the Exchange believes the proposed rule change is consistent with the Section 6(b)(5)³⁸ requirements that the rules of an exchange be designed to prevent fraudulent and manipulative acts and practices, to promote just and equitable principles of trade, to foster cooperation and coordination with persons engaged in regulating, clearing, settling, processing information with respect to, and facilitating transactions in securities, 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. Additionally, the Exchange believes the proposed rule change is consistent with the Section 6(b)(5)³⁹ requirement that the rules of an exchange not be designed to permit unfair discrimination between customers, issuers, brokers, or dealers.

In particular, the proposed rule change will remove impediments to and perfect the mechanism of a free and open market because it provides Users, including Market-Makers and other liquidity providers, with enhanced functionality to allow them to provide liquidity to the market and update bids and offers in response to changed market conditions. While current bulk orders simulate quotes, Users must submit multiple messages in bulk to update bids and offers in multiple series. The proposed bulk messages will permit Users to update multiple bids and offers in block quantities in a single message, which will permit them to update bids and offers (for example, in response to changing market conditions) in a more efficient manner. The proposed ability to update bids and offers in block quantities is similar to that available on another options exchange.⁴⁰

With respect to all Users, the proposed bulk messages are

³² See, e.g., Cboe Options Rule 6.14(a) and (b); Arca Rule 6.37A–O(a)(3).

³³ See "cancel on reject" functionality in technical specifications available at <http://markets.cboe.com/us/options/support/technical/>.

³⁴ See, e.g., Cboe Options Rule 6.14(b); Arca Rule 6.37A–O(a)(3)(C).

³⁵ The Exchange notes that Market-Makers are not required to quote on the COB, and that complex quoting functionality is not currently available on Cboe Options.

³⁶ See Cboe Options Rules 6.14A (describing the Hybrid Agency Liaison, which is similar to the Step Up Mechanism) and 6.74A (describing the Automated Improvement Mechanism, which is similar to the Bats Auction Mechanism).

³⁷ 15 U.S.C. 78f(b).

³⁸ 15 U.S.C. 78f(b)(5).

³⁹ *Id.*

⁴⁰ See Cboe Options Rule 1.1(ppp), which provides that electronic quotes may be updated in block quantities.

³¹ See Rule 21.17(b). Orders submitted through bulk ports will be subject to the current order price protection mechanisms, such as limit fat finger check in Rule 21.17. The proposed rule change amends Rule 21.17(a) through (e) (and the introductory language to that rule) to make clear that the price protections and risk controls in those paragraphs will not be applicable to bulk messages.

substantially similar to the current bulk orders available through bulk order ports—Users will be able to submit bulk messages that are Day and Post Only. However, the proposed rule change will permit them to do so in a single bulk message rather than in multiple messages. While the use of the GTD Time-in-Force will not be permitted for bulk messages as it currently is for bulk orders, Users may achieve the same result as GTD for their bulk messages by manually cancelling a bulk message at a specified time during the trading day—the proposed rule change merely does not provide a means for automatic cancellation of bulk messages at a specific time during the trading day. Additionally, Users may continue to apply GTD to orders submitted to the Exchange through bulk ports and other ports.

The Exchange believes the proposed rule change will permit liquidity providers to more efficiently update their resting bids and offers, which may help them manage their risk exposure when, for example, updating their bids and offers in response to changing market conditions. The Exchange believes this will continue to encourage all Users to provide liquidity on the Exchange and avoid incurring a taker fee if their intent is to submit bids and offers to add liquidity to the Book. As a result, this may increase liquidity, resulting in more trading opportunities and tighter spreads, which benefits all investors. The Exchange notes the proposed rule change provides Users with additional flexibility by permitting certain MTP Modifiers to be applied to bulk messages to prevent their orders and bulk messages from trading against each other. The MTP Modifiers not available for bulk messages will continue to be available for Users on orders submitted through bulk ports and other ports. Unlike other options exchanges that limit the use of quoting functionality to market-makers, the proposed rule change will permit all Users to submit bulk messages. Additionally, the proposed rule change to permit Users to continue to submit orders (subject to restrictions on the Post Only and Book Only instructions, as discussed above) through bulk ports will encourage Users that may not have quoting systems to provide liquidity to the Exchange by submitting single orders through bulk ports. This is also consistent with current bulk orders, which permits Users to submit both single and bulk orders through bulk order ports.

The proposed rule change further removes impediments to and perfects the mechanism of a free and open

market and a national market system by providing appointed Market-Makers with the ability to submit Book Only bulk messages, because it will align functionality available to appointed Market-Makers on the Exchange with the quoting functionality available to market-makers on other options exchanges, including Cboe Options, which permit quotes to both add and remove liquidity.⁴¹ Market-Makers are critical to providing liquidity and price discovery on the Exchange, and are subject to various obligations, as discussed above. The Exchange notes all other Users may continue to use the Book Only instruction (or other instructions that permit execution against resting orders on the Book) on orders submitted through other ports, as they may do today. The Exchange believes providing Market-Makers with flexibility to use the Post Only or Book Only instruction with respect to bulk messages will provide them with additional tools to meet their obligations in a manner they deem appropriate and is reasonable given the critical role Market-Makers plan in the options market. The Exchange believes this may also encourage liquidity providers to register as Market-Makers.

The proposed rule change provides Market-Makers with a combination of functionality available to market-makers on other exchanges, as some exchanges permit market-makers to remove liquidity and others only permit market-makers to post liquidity using quotes.⁴² As a result, the Exchange believes the proposed rule change will provide Market-Makers with greater control over their interactions with contra-side liquidity and would increase opportunities for such interaction. The Exchange believes this will provide Market-Makers with a greater level of determinism, in terms of managing their exposure, which may encourage them to be more aggressive when providing liquidity. The Exchange believes this may result in more trading opportunities and tighter spreads, which contributes to price discovery. Ultimately, this may improve overall market quality and enhance competition on the Exchange, which benefits all investors.

Similarly, the proposed rule change to prevent Market-Maker bulk messages from removing Market-Maker orders or bulk messages resting on the Book removes impediments to and perfects

the mechanism of a national market system by eliminating trades that may be unintended (potentially the result of technological disparities between Market-Makers) and thus not beneficial to customers, and that may impede certain liquidity providers' ability to competitively price their bids and offers. The Exchange believes the proposed rule change will increase availability of liquidity in the market and will enhance competition, because Market-Makers will be better able to quote aggressively with fewer concerns over technological disparities in their quoting systems, which ultimately benefits all investors. The Exchange notes this proposed rule change is similar to functionality available on another options exchange.⁴³

The proposed handling of bulk messages to prevent the display of a locked or crossed market will perfect the mechanism of a free and open market and national market system, as it is consistent with the Linkage Plan and the Exchange's handling of orders with similar instructions. This proposed handling of bulk messages is also consistent with handling of quotes on other options exchanges.⁴⁴ The proposed risk controls and price protection mechanisms that will apply to bulk messages promote just and equitable principles of trade and will protect investors by mitigating potential risks associated with Users submitting bulk messages at clearly unintended prices and trading at extreme and potentially erroneous prices. Additionally, the proposed rule change to cancel a User's resting bulk message when the System rejects a bulk message intended to update that resting bulk message provides Users with an additional safeguard that causes Users to reevaluate their bids and offers in the series before attempting to update them again. Additionally, when a User submits a new bulk message, it is implicitly instructing the Exchange to cancel any resting bulk message. Thus, even if the new bulk message is rejected, the Market-Maker's implicit instruction to cancel the resting bulk message remains valid nonetheless.

The options markets are quote driven markets and thus dependent on liquidity providers, which are most commonly registered market-makers but also other professional traders, for liquidity and price discovery. The Exchange believes the proposed enhanced functionality, including the additional flexibility for Market-Makers

⁴¹ Other options exchanges only permit market-makers to submit quotes. *See, e.g.*, Cboe Options Rules 1.1(ppp) and 8.3(c); Arca Rule 6.37A-O(a)(1).

⁴² *See id.* and Box Options Exchange, LLC ("BOX") Rule 8050, IM-8050-3.

⁴³ *See* Cboe Options Rule 6.45(c).

⁴⁴ *See* Cboe Options Rule 6.14(b) and (c); *see also* Rule 6.37A-O(a)(3).

to manage their risk exposure and provide additional control over interactions with contra-side liquidity, for these liquidity providers to more efficiently enter and update bids and offers. This may encourage the provision of more aggressive liquidity, which may result in more trading opportunities and tighter spreads, which contributes to price discovery. This may improve overall market quality and enhance competition on the Exchange, which benefits all investors.

The proposed rule change is generally intended to align system functionality currently offered by the Exchange with Cboe Options functionality in order to provide a consistent technology offering for the Cboe Affiliated Exchanges. A consistent technology offering, in turn, will simplify the technology implementation, changes, and maintenance by Users of the Exchange that are also participants on Cboe Affiliated Exchanges. The proposed rule change would also provide Users with access to functionality that is generally available on markets other than the Cboe Affiliated Exchanges, which may result in the efficient execution of quotes and orders and provide Users with additional flexibility and increased functionality on the Exchange's System.

When Cboe Options migrates to the same technology as that of the Exchange and other Cboe Affiliated Exchanges, Users of the Exchange and other Cboe Affiliated Exchanges will have access to similar functionality on all Cboe Affiliated Exchanges. As such, the proposed rule change would foster cooperation and coordination with persons engaged in facilitating transactions in securities and would remove impediments to and perfect the mechanism of a free and open market and a national market system.

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 that is not necessary or appropriate in furtherance of the purposes of the Act. The Exchange does not believe the proposed rule change will impose any burden on intramarket competition that is not necessary or appropriate in furtherance of the purposes of the Act, as the proposed bulk messages, like the current bulk orders, are optional for all Users. While only Market-Makers may submit Book Only bulk messages, the Exchange believes this is appropriate given the various obligations Market-Makers must satisfy under the Rules and the unique and critical role Market-Makers play in the options market, as

discussed above. The Exchange believes providing Market-Makers with flexibility to use the Post Only or Book Only instruction with respect to bulk messages will provide Market-Makers with additional tools to meet their obligations in a manner they deem appropriate. The Exchange believes the proposed functionality for Market-Makers adds value to market-making on the Exchange and provides them with greater control over how their quotes interact with contra-side liquidity both on the Exchange. The Exchange notes all other Users may continue to use the Book Only instruction on orders submitted to the Exchange through other types of ports. The Post Only instruction for bulk messages will be available to all Users, and is substantially similar to the bulk orders currently available to all Users. Additionally, all Users may submit single orders with all other Times-in-Force and Order Types (subject to the same Post Only and Book Only restrictions applicable to bulk messages) not available for bulk messages through bulk ports, which may encourage Users that may not have quoting systems to provide liquidity to the Exchange.

The proposed rule change to prevent Market-Maker bulk message executions against other resting Market-Maker interest is intended to protect Market-Makers from executions due to technology disparities rather than the intention of Market-Makers to trade with one another at that price. The Exchange believes this functionality and protection for Market-Makers may encourage Market-Makers to quote tighter and deeper markets, which will increase liquidity and enhance competition. The proposed price protection mechanisms and risk controls applicable to bulk messages will apply in the same manner to all bulk messages submitted by market participants. The Exchange believes this protection for bulk messages provides liquidity providers with additional protection from anomalous or erroneous executions. Generally, once bulk messages are resting on the Book, the System will handle them no differently than resting orders—this includes how the System prioritizes orders and quotes when executing them against incoming orders or quotes. Bulk messages that are available to all Users will work in the same manner for all Users, and the additional bulk message functionality available to appointed Market-Makers will work in the same manner for all such Market-Makers. The Exchange believes it is reasonable to provide additional functionality to Market-

Makers given their unique and critical role in the options market and the various obligations that Market-Makers must satisfy.

The Exchange does not believe the proposed rule change will impose any burden on intermarket competition that is not necessary or appropriate in furtherance of the purposes of the Act, because it will provide Market-Makers with bulk message functionality that is similar to that quoting available to market-makers on other options exchanges. The Exchange believes the proposed functionality will permit the Exchange to operate on an even playing field relative to other exchanges that have similar functionality. As discussed above, the options markets are quote driven markets and thus dependent on liquidity providers, which are most commonly registered market-makers but also other professional traders, for liquidity and price discovery. The Exchange believes the proposed enhanced functionality, including the additional flexibility for Market-Makers to manage their risk exposure and provide additional control over interactions with contra-side liquidity, for these liquidity providers to more efficiently enter and update bids and offers. This may encourage the provision of more aggressive liquidity, which may result in more trading opportunities and tighter spreads, which contributes to price discovery. This may improve overall market quality and enhance competition on the Exchange, which benefits all investors.

The Exchange reiterates that the proposed rule change is being proposed in the context of the technology integration of the Cboe Affiliated Exchanges. Thus, the Exchange believes this proposed rule change permits fair competition among national securities exchanges. In addition, the Exchange believes the proposed rule change will benefit Exchange participants in that it will provide a consistent technology offering for Users by the Cboe Affiliated Exchanges.

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

The Exchange neither solicited nor received comments on the proposed rule change.

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 after the date of the filing, or such shorter time as the Commission may designate, it has become effective pursuant to 19(b)(3)(A) of the Act⁴⁵ and Rule 19b-4(f)(6)⁴⁶ thereunder.

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 email to rule-comments@sec.gov. Please include File Number SR-CboeEDGX-2018-060 on the subject line.

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-CboeEDGX-2018-060. This file number should be included on the subject line if email 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 website (<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. Persons submitting comments are cautioned that we do not redact or edit personal identifying information from comment submissions. You should submit only information that you wish to make available publicly. All submissions should refer to File Number SR-CboeEDGX-2018-060 and should be submitted on or before January 22, 2019.

For the Commission, by the Division of Trading and Markets, pursuant to delegated authority.⁴⁷

Brent J. Fields,
Secretary.

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SECURITIES AND EXCHANGE COMMISSION

[Release No. 34-84934; File No. SR-GEMX-2018-43]

Self-Regulatory Organizations; Nasdaq GEMX, LLC; Notice of Filing and Immediate Effectiveness of Proposed Rule Change To Amend General 8

December 21, 2018.

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 ("Act"),¹ and Rule 19b-4 thereunder,² notice is hereby given that on December 19, 2018, Nasdaq GEMX, LLC ("GEMX" or "Exchange") filed with the Securities and Exchange Commission ("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 delete the Exchange's existing rules on colocation,

connectivity, and direct connectivity (the "Existing Connectivity Rules"), under General 8, and incorporate by reference into General 8 The Nasdaq Stock Market LLC's ("Nasdaq's") rules on colocation, connectivity, and direct connectivity, which are located in General 8 of the Nasdaq rulebook shell structure.³

The text of the proposed rule change is available on the Exchange's website at <http://nasdaqgemx.cchwallstreet.com/>, at the principal office of the Exchange, and at the Commission's Public Reference Room.

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 Exchange proposes to delete its Existing Connectivity Rules, currently under General 8, and incorporate by reference the corresponding Nasdaq rules, at General 8 of Nasdaq's rulebook. The Exchange proposes to remove the current rule text from General 8 and replace it with the following text:

General 8 Connectivity

The rules contained in The Nasdaq Stock Market LLC General 8, as such rules may be in effect from time to time (the "General 8 Rules"), are hereby incorporated by reference into this Nasdaq GEMX General 8, and are thus Nasdaq GEMX Rules and thereby applicable to Nasdaq GEMX Members. Nasdaq GEMX Members shall comply with the General 8 Rules as though such rules were fully set forth herein. All defined terms, including any variations thereof, contained in the General 8 Rules shall be read to refer to the Nasdaq GEMX related meaning of such term. Solely by way of example, and not in limitation or in exhaustion: the defined term

⁴⁵ 15 U.S.C. 78s(b)(3)(A).

⁴⁶ 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.

⁴⁷ 17 CFR 200.30-3(a)(12).

¹ 15 U.S.C. 78s(b)(1).

² 17 CFR 240.19b-4.

³ Recently, the six exchanges affiliated with Nasdaq, Inc. (The Nasdaq Stock Market LLC, Nasdaq BX, Inc., Nasdaq PHLX LLC, Nasdaq ISE, LLC, Nasdaq GEMX, LLC, and Nasdaq MRX, LLC (collectively, the "Affiliated Exchanges")) added shell structures to their respective rulebooks with the purpose of improving efficiency and readability and to align their respective rules.