

SECURITIES AND EXCHANGE COMMISSION  
(Release No. 34-77489; File No. SR-ISE-2016-08)

March 31, 2016

Self-Regulatory Organizations; International Securities Exchange, LLC; Notice of Filing of Proposed Rule Change Related to Market Wide Risk Protection

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 March 17, 2016, the International Securities Exchange, LLC (the “Exchange” or “ISE”) 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 self-regulatory organization. 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 introduce new activity based order protections as described in more detail below. The text of the proposed rule change is available on the Exchange’s website (<http://www.ise.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 self-regulatory organization 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 self-regulatory organization has prepared summaries, set forth in sections A, B and C below, of the most significant aspects of such statements.

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

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

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 change is to introduce new risk protections for orders designed to aid members in their risk management by supplementing current price reasonability checks with activity based order protections.<sup>3</sup> In particular, the Exchange proposes to introduce two activity based risk protections that will be mandatory for all members: (1) the “Order Entry Rate Protection,” which protects members against entering orders at a rate that exceeds predefined thresholds,<sup>4</sup> and (2) the “Order Execution Rate Protection,” which protects members against executing orders at a rate that exceeds their predefined risk settings. Both of these risk protections are detailed in Proposed Rule 714(d), “Market Wide Risk Protection.”<sup>5</sup> The Exchange will announce the implementation date of the Market Wide Risk Protection in a circular to be distributed to members prior to implementation.

Pursuant to the proposed Market Wide Risk Protection rule, the Exchange’s trading system (the “System”) will maintain one or more counting programs on behalf of each member that will count the number of orders entered, and the number of contracts traded on ISE or, if

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<sup>3</sup> The Exchange provides members with limit order price protections designed to prevent erroneous executions by rejecting orders priced too far through the market. See Rule 714(b)(2).

<sup>4</sup> The Exchange will determine when to initiate the Order Entry Rate Protection pre-open to allow members time to load their orders without inadvertently triggering the protection. The precise time will be established by the Exchange and communicated to members via circular prior to implementation.

<sup>5</sup> The term “Market Wide Risk Protection” includes both the “Order Entry Rate Protection” and the “Order Execution Rate Protection.”

chosen by the member,<sup>6</sup> across both ISE and ISE's affiliate, ISE Gemini, LLC ("ISE Gemini"), which shares a trading system with ISE. Members can use multiple counting programs to separate risk protections for different groups established within the member.<sup>7</sup> The counting programs will maintain separate counts, over rolling time periods specified by the member for each count, of: (1) the total number of orders entered in the regular order book; (2) the total number of orders entered in the complex order book with only options legs; (3) the total number of orders entered in the complex order book with both stock and options legs; (4) the total number of contracts traded in regular orders; and (5) the total number of contracts traded in complex orders with only options legs.<sup>8</sup>

Members will have discretion to establish the applicable time period for each of the counts maintained under the Market Wide Risk Protection, provided that the selected period must be within minimum and maximum parameters established by the Exchange and announced via circular.<sup>9</sup> While the Market Wide Risk Protection is mandatory for all members, the Exchange is not proposing to establish minimum or maximum values for the order entry and execution parameters described in (1) through (5) above. The Exchange believes that this

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<sup>6</sup> Members will have the option to set different risk parameters for their trading activity on each exchange, or set risk parameters that apply to their trading across both ISE and ISE Gemini, if desired.

<sup>7</sup> The Exchange will explain how members can go about setting up risk protections for different groups (e.g., business units) in a circular issued to members.

<sup>8</sup> The member's allowable order rate for the Order Entry Rate Protection is comprised of the parameters defined in (1) to (3), while the allowable contract execution rate for the Order Execution Rate Protection is comprised of the parameters defined in (4) and (5). As explained below, the Exchange is not including a complex execution count for complex orders with a stock component as the execution counts maintained by the Order Execution Rate Protection are based solely on options contracts traded. See note 9 supra [sic] and accompanying text.

<sup>9</sup> The Exchange anticipates that the minimum and maximum values for the applicable time period will be initially set at one second and a full trading day, respectively.

approach will give members the flexibility needed to appropriately tailor the Market Wide Risk Protection to their respective risk management needs. In this regard, the Exchange notes that each member is in the best position to determine risk settings appropriate for their firm based on the member's trading activity and business needs. In the interest of maintaining a fair and orderly market, however, the Exchange will establish default values for the applicable time period and order entry and execution parameters in a circular to be distributed to members. Default values established by the Exchange will apply only to members that do not submit their own parameters for the Market Wide Risk Protection.

The Exchange proposes to use separate counts for regular orders, complex options orders, and complex orders with a stock component as members may want to have different risk settings for these instruments. In order to fully protect members, however, if the Market Wide Risk Protection is triggered based on any count, the triggered action will be taken across the entire market. In particular, if the Market Wide Risk Protection is triggered, action will be taken with respect to all products traded in both simple and complex instruments, and across ISE or, if applicable, ISE and ISE Gemini. Contracts executed on the agency and contra-side of a two-sided crossing order will be counted separately for the Order Execution Rate Protection. In addition, the contract execution count for complex orders will be the sum of the number of contracts executed with respect to each leg. Complex instruments that contain a stock component will not be included as part of the complex order execution count as the Order Execution Rate Protection is based exclusively on options contracts executed, and therefore does not apply to orders that have both stock and options components.<sup>10</sup>

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<sup>10</sup> Stock-option orders contain both an option component(s) executed in contracts and a stock component executed in shares. The Exchange does not believe that these two components can be combined in a way that provides a meaningful measure of risk

The System will trigger the Market Wide Risk Protection when the counting program has determined that the member has either (1) entered during the specified time period a number of orders exceeding its designated allowable order rate, or (2) executed during the specified time period a number of contracts exceeding its designated allowable contract execution rate. In particular, after a member enters an order, or a member's order is executed, the System will look back over the specified time period to determine whether the member has exceeded the threshold that it has set for the total number of orders entered or the total number of contracts traded, as applicable. If the member's threshold has been exceeded in either simple or complex instruments, the Market Wide Risk Protection will be triggered and the System will automatically reject all subsequent incoming orders entered by the member on ISE or, if applicable, across both ISE and ISE Gemini.<sup>11</sup> In addition, if the member has opted in to this functionality, the System will automatically cancel all of the member's existing orders. The Market Wide Risk Protection will remain engaged until the member manually (e.g., via e-mail) notifies the Exchange to enable the acceptance of new orders; however, the System will still allow members to interact with existing orders entered before the protection was triggered, including sending cancel order messages and receiving trade executions for those orders.

The Exchange believes that the proposed Market Wide Risk Protection will assist members in better managing their risk when trading on the [sic] ISE. In particular, the proposed rule change provides functionality that allows members to set risk management thresholds for the number of orders entered or contracts executed on the Exchange during a specified period. This is similar to how other options exchanges have implemented activity-based risk management

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exposure for members, and has therefore determined not to provide the Order Execution Rate Protection for complex orders that contain a stock component.

<sup>11</sup> Members that set different risk parameters for ISE and ISE Gemini will only have their orders rejected on the exchange whose threshold was exceeded.

protections,<sup>12</sup> and the Exchange believes this functionality will likewise be beneficial for ISE members.

The examples below illustrate how the Market Wide Risk Protection would work both for order entry and order execution protections:

Example 1, Order Entry Rate Protection:

Broker Dealer 1 (“BD1”) designates an allowable order rate of 499 orders / 1 second in simple instruments, 299 orders / 1 second in complex options orders, and 199 orders / 1 second in complex orders with a stock component.

@0 milliseconds, BD1 enters 200 regular orders. (Regular order total: 200 orders)

@150 milliseconds, BD1 enters 50 complex options orders. (Complex options order total: 50 orders)

@250 milliseconds, BD1 enters 100 complex orders with a stock component. (Complex order with stock total: 100 orders)

@450 milliseconds, BD1 enters 250 regular orders. (Regular order total: 450 orders)

@950 milliseconds, BD1 enters 50 regular orders. (Regular order total: 500 orders)

Market Wide Risk Protection is triggered on ISE, and, if applicable, ISE Gemini<sup>13</sup> due to exceeding 499 regular orders in 1 second. All subsequent orders in both simple and complex instruments are rejected, and if BD1 has opted in to this functionality, all existing orders are cancelled. BD1 must contact Market Operations to resume trading.

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<sup>12</sup> See Securities Exchange Act Release Nos. 74118 (January 22, 2015), 80 FR 4605 (January 28, 2015) (Notice); 74496 (March 13, 2015), 80 FR 14421 (March 19, 2015) (Approval) (SR-MIAX-2015-03).

<sup>13</sup> Members that share risk settings across both ISE and ISE Gemini will have the Market Wide Risk Protection triggered on both markets.

Example 2, Order Execution Rate Protection:

BD1 designates an allowable execution rate of 15,000 contracts / 2 seconds in simple instruments and 10,000 contracts / 2 seconds in complex options orders.

@0 milliseconds, BD1 receives executions for 5,000 contracts from regular orders. (Regular execution total: 5,000 contracts)

@500 milliseconds, BD1 receives an execution for 2,500 contracts from a complex options order. (Complex execution total: 2,500 contracts)

@600 milliseconds, BD1 receives executions for 10,000 contracts from regular orders. (Regular execution total: 15,000 contracts)

@650 milliseconds, BD1 receives an execution for 1,500 contracts from a stock-option order. (Complex execution total: 2,500 contracts)<sup>14</sup>

@850 milliseconds, BD1 receives an execution for 3,000 contracts from a complex options order. (Complex execution total: 5,500 contracts)

@1150 milliseconds, BD1 receives an execution for 3,000 contracts from a complex options order. (Complex execution total: 8,500 contracts)

@1700 milliseconds, BD1 receives an execution for 2,000 contracts from a complex options order. (Complex execution total: 10,500 contracts)

Market Wide Risk Protection is triggered on ISE, and, if applicable, ISE Gemini<sup>15</sup> due to exceeding 10,000 contracts in 2 seconds for complex options orders. All subsequent orders in both simple and complex instruments are rejected, and if BD1 has opted in to this functionality, all existing orders are cancelled. BD1 must contact Market Operations to resume trading.

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<sup>14</sup> Complex orders with a stock component are not included in the order execution count.

<sup>15</sup> Members that share risk settings across both ISE and ISE Gemini will have the Market Wide Risk Protection triggered on both markets.

## 2. Statutory Basis

The Exchange believes that the proposed rule change is consistent with the requirements of the Act and the rules and regulations thereunder that are applicable to a national securities exchange, and, in particular, with the requirements of Section 6(b) of the Act.<sup>16</sup> Specifically, the proposed rule change is consistent with Section 6(b)(5) of the Act,<sup>17</sup> because it is designed to promote just and equitable principles of trade, remove impediments to and perfect the mechanisms of a free and open market and a national market system and, in general, to protect investors and the public interest.

The Exchange believes that the proposed rule change would assist with the maintenance of a fair and orderly market by establishing new activity based risk protections for orders. The Exchange currently offers a risk protection mechanism for market maker quotes that removes the member's quotes if a specified number of curtailment events occur during a set time period ("Market Wide Speed Bump").<sup>18</sup> The Exchange believes that this Market Wide Speed Bump functionality has been successful in reducing market maker risk and now proposes to adopt risk protections for orders that would allow other members to properly manage their exposure to excessive risk. In particular, the proposed rule change would implement two new risk protections based on the rate of order entry and order execution, respectively. The Exchange believes that both of these new protections, which together encompass the proposed Market Wide Risk Protection, would enable members to better manage their risk when trading options on the Exchange by limiting the member's risk exposure when systems or other issues result in orders being entered or executed at a rate that exceeds predefined thresholds. In today's market

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<sup>16</sup> 15 U.S.C. 78f(b).

<sup>17</sup> 15 U.S.C. 78f(b)(5).

<sup>18</sup> See Rule 804(g)(2).



the Exchange believes that robust risk management is becoming increasingly more important for all members. The proposed rule change would provide an additional layer of risk protection for market participants that trade on the Exchange.

The proposed Market Wide Risk Protection is similar to risk management functionality provided by other options exchanges, including, for example, the MIAX Options Exchange (“MIAX”), which recently received Commission approval for its “Risk Protection Monitor” for orders.<sup>19</sup> In particular, the Market Wide Risk Protection is designed to reduce risk associated with system errors or market events that may cause members to send a large number of orders, or receive multiple, automatic executions, before they can adjust their exposure in the market. Without adequate risk management tools, such as those proposed in this filing, members could reduce the amount of order flow and liquidity that they provide. Such actions may undermine the quality of the markets available to customers and other market participants. Accordingly, the proposed rule change is designed to encourage members to submit additional order flow and liquidity to the Exchange, thereby removing impediments to and perfect [sic] the mechanisms of a free and open market and a national market system and, in general, protecting investors and the public interest. In addition, providing members with more tools for managing risk will facilitate transactions in securities because, as noted above, the members will have more confidence that protections are in place that reduce the risks from potential system errors and market events. As a result, the new functionality has the potential to promote just and equitable principles of trade.

The Exchange also believes that it is consistent with the protection of investors and the public interest to offer the Market Wide Risk Protection to members across both ISE and ISE Gemini as this will permit members to more effectively manage their risk simultaneously on both

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<sup>19</sup> See supra note 10 [sic].

markets if desired. The Exchange already offers cross market risk protections for market makers [sic] quotes,<sup>20</sup> and is now proposing to similarly offer a cross market risk protection for orders in order to reduce the risk that members face when entering orders on multiple exchanges. The Exchange notes that issues that would trigger the Market Wide Risk Protection are not normally confined to a member's activity on a single exchange. Accordingly, the Exchange believes that offering the Market Wide Risk Protection on a cross-market basis would help members to more effectively manage their risk when trading on multiple markets, and reduce disruptive trading events to the benefit of all members and investors.

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

In accordance with Section 6(b)(8) of the Act,<sup>21</sup> the Exchange does not believe that the proposed rule change would impose any burden on intermarket or intramarket competition that is not necessary or appropriate in furtherance of the purposes of the Act. The proposed Market Wide Risk Protection is similar to risk protections already available on other options exchanges,<sup>22</sup> and is designed to be a competitive offering that would mitigate the risk associated with trading on the Exchange. Market makers already benefit from Market Wide Speed Bump functionality available for quotes. The proposed change would extend new risk protections to orders so that additional market participants can benefit from risk mitigating functionality. Like the Exchange's Market Wide Speed Bump, the proposed rule change would also be offered cross-market to members that want to be protected from inadvertent exposure to excessive risk when trading on both ISE and ISE Gemini. Permitting this functionality to be cross-market will

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<sup>20</sup> See Securities Exchange Act Release Nos. 71759 (March 20, 2014), 79 FR 16850 (March 26, 2014) ("Notice"); 73147 (September 19, 2014), 79 FR 57639 (September 25, 2014) (Approval) (SR-ISE-2014-09).

<sup>21</sup> 15 U.S.C. 78f(b)(8).

<sup>22</sup> See supra notes 10 [sic] and 19.

not have any impact on competition that is not necessary or appropriate in furtherance of the purposes of the Act. In addition, the proposed functionality would be mandatory for all members, and would be made available on an equal and non-discriminatory basis. As such, the Exchange does not believe that the proposed rule change would impose any unnecessary burden on competition.

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

The Exchange has not solicited, and does not intend to solicit, comments on this proposed rule change. The Exchange has not received any unsolicited written comments from members or other interested parties.

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

Within 45 days of the publication date of this notice or within such longer period (1) as the Commission may designate up to 45 days of such date if it finds such longer period to be appropriate and publishes its reasons for so finding or (2) as to which the self-regulatory organization consents, the Commission will:

- (a) by order approve or disapprove such proposed rule change; or
- (b) institute proceedings to determine whether the proposed rule change should be 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-ISE-2016-08 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-ISE-2016-08. 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 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; 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-ISE-2016-08 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>23</sup>

Robert W. Errett  
Deputy Secretary

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<sup>23</sup> 17 CFR 200.30-3(a)(12).