

Required fields are shown with yellow backgrounds and asterisks.

Filing by NASDAQ Stock Market  
 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"/>
			Rule		
Pilot <input type="checkbox"/>	Extension of Time Period for Commission Action * <input type="checkbox"/>	Date Expires * <input type="text"/>	<input type="checkbox"/> 19b-4(f)(1)	<input type="checkbox"/> 19b-4(f)(4)	
			<input checked="" type="checkbox"/> 19b-4(f)(2)	<input type="checkbox"/> 19b-4(f)(5)	
			<input type="checkbox"/> 19b-4(f)(3)	<input type="checkbox"/> 19b-4(f)(6)	

Notice of proposed change pursuant to the Payment, Clearing, and Settlement Act of 2010	Security-Based Swap Submission pursuant to the Securities Exchange Act of 1934
Section 806(e)(1) * <input type="checkbox"/>	Section 806(e)(2) * <input type="checkbox"/>
Section 3C(b)(2) * <input type="checkbox"/>	

Exhibit 2 Sent As Paper Document <input type="checkbox"/>	Exhibit 3 Sent As Paper Document <input type="checkbox"/>
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**Description**

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

Proposal to adopt a new Limit Up Limit Down Pricing Program under Rule 7014 to improve liquidity during Limit Up Limit Down events through incentive rebates.

**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 \* Sean      Last Name \* Bennett  
 Title \* Principal Associate General Counsel  
 E-mail \* Sean.Bennett@nasdaq.com  
 Telephone \* (301) 978-8499      Fax

**Signature**

Pursuant to the requirements of the Securities Exchange Act of 1934,

has duly caused this filing to be signed on its behalf by the undersigned thereunto duly authorized.

(Title \*)

Date 05/03/2016      Executive Vice President and General Counsel  
 By Edward S. Knight      edward.knight@nasdaq.com  
 (Name \*)

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

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

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

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

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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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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 Advance 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, security-based swap submission, or advance notice 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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Exhibit Sent As Paper Document

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 3 - Form, Report, or Questionnaire**

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Exhibit Sent As Paper Document

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 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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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) The Nasdaq Stock Market LLC (“Nasdaq” 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 adopt a new Limit Up-Limit Down Pricing Program under Rule 7014 to improve liquidity during Limit Up-Limit Down events through incentive rebates.

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”) on July 1, 2015. No other action is necessary for the filing of the rule change.

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

T. Sean Bennett  
Principal Associate General Counsel  
Nasdaq, Inc.  
(301) 978-8499

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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 Exchange is proposing to adopt a new Limit Up-Limit Down Pricing Program under Rule 7014 to improve liquidity during Limit Up-Limit Down events pursuant to Rule 4120(a)(12) through incentive rebates.

Background

On May 6, 2010, the U.S. markets experienced excessive volatility in an abbreviated time period, commonly referred to as the “flash crash.” Many of the almost 8,000 equity securities and exchange-traded funds (“ETFs”) traded that day experienced rapid price declines and reversals within a short period of time. Staff of the SEC and the U.S. Commodity Futures Trading Commission (“CFTC”) (collectively, “Staff”) worked together to study the events of the flash crash, issuing a report of their findings (“Report”) to the Joint CFTC-SEC Advisory Committee on Emerging Regulatory Issues (“Committee”).<sup>3</sup> Staff observed, among other things, that there was a “liquidity crisis” with respect to individual stocks, whereby market participants widened quote spreads, reduced offered liquidity, or withdrew from the markets altogether.<sup>4</sup> Staff stated that:

While the withdrawal of a single participant may not significantly impact the entire market, a liquidity crisis can develop if many market participants withdraw at the same time. This, in turn, can lead to the

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<sup>3</sup> See Report of the Staffs of the CFTC and SEC to the Joint Advisory Committee on Emerging Regulatory Issues, “Findings Regarding the Market Events of May 6, 2010,” dated September 30, 2010, available at <http://www.sec.gov/news/studies/2010/marketevents-report.pdf>.

<sup>4</sup> See Report at 5.

breakdown of a fair and orderly price-discovery process, and in the extreme case trades can be executed at stub-quotes used by market makers to fulfill their continuous two-sided obligations.<sup>5</sup>

The Committee, in turn, issued a series of recommendations based on its analysis of Staff's findings.<sup>6</sup>

In response to the market structure issues uncovered by the flash crash and the recommendations of the Committee, the exchanges and FINRA (collectively, the "SROs") implemented market-wide measures designed to restore investor confidence by reducing the potential for excessive market volatility. One such measure was the adoption of a pilot plan for stock-by-stock trading pauses by SROs. On May 31, 2012, the SEC approved the National Market System Plan to Address Extraordinary Market Volatility, commonly referred to as the "Limit Up-Limit Down Plan."<sup>7</sup> The Limit Up-Limit Down Plan created a market-wide limit up-limit down mechanism intended to address extraordinary market volatility in "NMS Stocks," as defined in Rule 600(b)(47) of Regulation NMS under the Act.<sup>8</sup> The Limit Up-Limit Down Plan is designed to prevent trades in individual NMS Stocks from occurring outside of specified Price Bands,<sup>9</sup> which are based on a Reference Price<sup>10</sup> for each NMS Stock that equals the

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<sup>5</sup> Report at 6.

<sup>6</sup> See Summary Report of the Committee, "Recommendations Regarding Regulatory Responses to the Market Events of May 6, 2010" (Feb, 18, 2011).

<sup>7</sup> See Securities Exchange Act Release No. 34-67091 (May 31, 2012), 77 FR 33498 (June 6, 2012).

<sup>8</sup> See 17 CFR 242.600(b)(47).

<sup>9</sup> As defined by Section I.(N) of the Plan.

arithmetic mean price of Eligible Reported Transactions<sup>11</sup> for the NMS Stock over the immediately preceding five-minute period (except for periods following openings and re-openings). The Price Bands are disseminated by the single plan processor responsible for the consolidation of information for an NMS Stock (“Processor”) pursuant to Rule 603(b) of Regulation NMS.

The Limit Up-Limit Down Plan prevents trades in individual NMS Stocks from occurring outside of the Price Bands by applying Limit States,<sup>12</sup> whereby trading is permitted to continue within certain upper and lower limits, and Trading Pauses<sup>13</sup> to accommodate more fundamental price moves in an NMS Stock. An NMS Stock will enter a Limit State if it has a National Best Offer (“NBO”) that equals the lower price band and does not cross the National Best Bid (“NBB”), or a NBB that equals the upper price band and does not cross the NBO. When an NMS Stock enters a Limit State, the Processor will disseminate the information by identifying the relevant quotation (i.e., a NBO that equals the Lower Price Band or a NBB that equals the Upper Price Band) as a Limit State Quotation,<sup>14</sup> and ceases to calculate and disseminate updated Reference Prices and Price Bands for the NMS Stock until either trading exits the Limit State or trading resumes with an opening or re-opening. An NMS Stock will exit a Limit State if, within 15 seconds of entering the Limit State, the entire size of all Limit State Quotations are executed or cancelled, at which time the Processor begins to calculate and disseminate updated Price Bands based on a Reference Price that

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<sup>10</sup> As defined by Section I.(T) the Plan.

<sup>11</sup> As defined by Section I.(A) the Plan.

<sup>12</sup> As defined by Section I.(C) the Plan.

<sup>13</sup> As defined by Section I.(Y) the Plan.

<sup>14</sup> As defined by Section I.(D) the Plan.

equals the arithmetic mean price of Eligible Reported Transactions for the NMS Stock over the immediately preceding five-minute period (including the period of the Limit State). If trading for an NMS Stock does not exit a Limit State within fifteen seconds of entry, the Limit State will terminate when the Primary Listing Exchange declares a Trading Pause, or at the end of Regular Trading Hours.

The Primary Listing Exchange must declare a Trading Pause if a NMS Stock does not exit a Limit State within fifteen seconds of entry during Regular Market Hours. The Primary Listing Exchange may also declare a Trading Pause for an NMS Stock if the NMS Stock is in a Straddle State, which is when the NBB is below the Lower Price Band or the NBO is above the Upper Price Band, the NMS Stock is not in a Limit State, and trading in that NMS Stock deviates from normal trading characteristics such that declaring a Trading Pause would support the Plan's goal to address extraordinary market volatility. The Primary Listing Exchange is responsible for declaring a Trading Pause in an NMS Stock and informing the Processor and during a Trading Pause the Processor disseminates Trading Pause information to the public. During a Trading Pause, no trades in a NMS Stock may occur, but all bids and offers may be displayed. A Trading Pause will conclude in one of two ways. First, if after five minutes from declaration of the Trading Pause the Primary Listing Exchange has not declared a Regulatory Halt, it will initiate established re-opening procedures. The Trading Pause will conclude when the Primary Listing Exchange reports a Reopening Price. Alternatively, a Trading Pause will conclude if the Primary Listing Exchange does not report a Reopening Price within ten minutes after the declaration of a Trading Pause in a NMS Stock, and has not declared a Regulatory Halt. When trading resumes after a Trading Pause, the Processor then will update the Prices Bands.

The Exchange believes that the Limit Up-Limit Down Plan has been successful at addressing extraordinary volatility in the markets, through its combination of price bands and trading pauses. A fundamental underpinning to re-establishing a less volatile and stable market in times of market stress is liquidity. As quoted above, Staff observed that a liquidity crisis arising from the withdrawal of market participants can lead to the breakdown of a fair and orderly price-discovery process.<sup>15</sup> There is great risk to market participants when markets are volatile and many firms employ their own versions of a trading pause to withdraw from the markets as risk mitigation.<sup>16</sup> In its analysis of the flash crash, Staff observed that the markets suffered significant reductions in liquidity as prices fell, particularly evidenced by a significant reduction in buy-side market depth. The lack of adequate incentives to address such liquidity crisis is a concern of the Committee, which noted in its report that “incentives to display liquidity may be deficient in [a] normal market, and are seriously deficient in turbulent markets.”<sup>17</sup> Arising from this concern, the Committee recommended that the CFTC and SEC “consider incentives to supply liquidity that vary with market conditions.”<sup>18</sup>

#### Proposal

The Exchange is proposing to implement a new rebate program designed to provide incentive to market participants to provide liquidity during Limit States, Straddle States and Trading Pause in a select group of NMS Stocks chosen by the Exchange

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<sup>15</sup> See Supra note 6.

<sup>16</sup> See Report at 36.

<sup>17</sup> See Supra note 6 at 9.

<sup>18</sup> Id.



(“LULD Liquidity Symbols”). The new incentive program is being proposed in light of the Committee’s recommendation that exchanges adopt a “peak load” pricing model as a solution to encouraging liquidity during turbulent markets.<sup>19</sup> In its purest form, a peak load pricing model increases both fees and rebates to improve liquidity. A higher access fee in comparison to other exchanges may discourage entry of aggressive liquidity-removing trades. By contrast, a higher rebate in comparison to other markets may encourage entry of liquidity-providing limit orders. Under Regulation NMS, exchanges are limited in level of access fees that they may assess their members. The Exchange’s access fee schedule under Rule 7018(a) provides that, under certain circumstances, removal of displayed liquidity is assessed as the highest permissible rate. As consequence, any additional fee for removal of liquidity would exceed that limit. Exchanges are not so constrained, however, in level of rebate provided for liquidity.

The Exchange agrees with the Committee that more must be done to encourage liquidity during times of market stress, and providing market participants with incentives to provide liquidity may further that goal. While the Exchange is limited in the level of fee-based disincentives that it can assess for liquidity removal during turbulent markets, the Exchange is able to adopt incentives to address the Committee’s concern that there are insufficient incentives to market participants to provide displayed liquidity in such markets. Specifically, the Exchange is proposing to provide two new incentives that are focused on promoting liquidity when a LULD Liquidity Symbol is in a Limit State, Straddle State, or a Trading Pause.<sup>20</sup> The Exchange has selected a group of 200 LULD

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<sup>19</sup> Id.

<sup>20</sup> The Exchange notes that nothing proposed in this rule change will alter how the Exchange handles quotes and orders in compliance with Regulation NMS,

Liquidity Symbols that are Exchange-listed stocks and ETFs of various sizes based on market capitalization. In selecting the securities, the Exchange first considered how individual Exchange-listed securities were impacted on particularly volatile days, and when a Limit State, Straddle State or Trading Pause occurred, with a particular focus on liquidity. From this pool of potential LULD Liquidity Symbols, the Exchange next eliminated very low volume stocks that frequently have LULD bands based on bid-ask midpoint rather than a trade price. Last, the Exchange used stratified random sampling of the remaining pool of potential LULD Liquidity Symbols to assure that the stocks represented a wide range of market capitalization levels. The Exchange may add to or modify the list of securities covered by the Limit Up-Limit Down Pricing Program. To the extent the Exchange determines to modify the list of LULD Liquidity Symbol, it will file a rule change proposal with the Commission. In selecting new LULD Liquidity Symbols, the Exchange will apply the same criteria used in selecting the initial group of LULD Liquidity Symbols.

First, for LULD Liquidity Symbol securities priced \$1 or more the Exchange is adopting an incentive in the form of a \$0.0010 per share executed rebate to Exchange market makers that enter displayed orders to buy (other than Designated Retail Orders, as defined in Rule 7018) when the LULD Liquidity Symbol security enters a Limit State based on an NBO that equals the lower price band and does not cross the NBB (“Limit Down Limit State”). To be eligible, the market maker must be registered as a market maker for the LULD Liquidity Symbol. The Exchange believes the incentive will promote liquidity in LULD Liquidity Symbols during times of significant price declines

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including member obligations with respect to avoiding quotes and orders that lock or cross the markets.

in those securities, which is typically a time when buy liquidity is scarce. The rebate will be provided to all buy orders entered by an Exchange market maker priced at or higher than the Lower Price Band of the Limit Down Limit State entered after initiation thereof until its conclusion, and that add liquidity at any time during continuous trading.<sup>21</sup>

Similarly, for LULD Liquidity Symbol securities priced \$1 or more the Exchange will provide the \$0.0010 per share executed rebate to Exchange market makers that enter displayed orders to buy (other than Designated Retail Orders, as defined in Rule 7018) when the LULD Liquidity Symbol security enters a Straddle State based on an NBB that is below the lower price band (“Limit Down Straddle State”). To be eligible, the market maker must be registered as a market maker for the LULD Liquidity Symbol. The rebate will be provided to all buy orders entered by an Exchange market maker priced at or higher than the Lower Price Band of the Limit Down Straddle State entered after initiation thereof until its conclusion, and that receive an execution any time after the order is entered during regular market hours, except for executions received in subsequent Halt Crosses or Closing Cross. The Exchange will use the time that it receives the message from the Processor that a LULD Liquidity Symbol is in a Limit Down Limit State or Limit Down Straddle State as the time at which the rebate is available, and the message from the Processor that the security has emerged from the Limit Down Limit State or Limit Down Straddle State as the time at which the rebate is no longer available.

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<sup>21</sup> Orders are considered to have added liquidity if they are posted on the Exchange book and are executed during continuous trading. Executions during a Halt, IPO, Open, and Closing Crosses are not considered to have added or removed liquidity.

The following is an example of how the rebate will be applied. For this example market maker refers to an Exchange market maker registered in symbol ABC. Assume symbol ABC has a lower price band of \$10.00 and is a LULD Liquidity Symbol. Further assume the Exchange is the only market with a displayed offer at \$10.00 for 300 shares and the Exchange has received the message from the Processor that ABC is in a Limit Down Limit State. Market maker #1 enters a 1,000 share displayable buy order priced at \$10.00. Market maker #1's order trades against the 300 shares offered and the remaining 700 shares post to the Exchange's book at \$10.00. The Bid on the Exchange is now \$10.00. The 700 shares from market maker #1 are eligible to receive the additional \$0.0010 rebate per share executed when adding liquidity. Market maker #2 enters a 200 share displayable buy order at \$10.00. The 200 shares are also eligible to receive the additional \$0.0010 rebate when adding liquidity. The Exchange receives the message from the Processor that the security has emerged from the Limit Down Limit State. Market maker #3 enters a 100 share displayable buy order at \$10.00. The 100 shares are not eligible to receive the additional \$0.0010 rebate since the Exchange has already received the message from the Processor that the security has emerged from the Limit Down Limit State. Market maker #1 and #2's posted orders are still eligible to receive the \$0.0010 per share rebate if the orders add liquidity at a later point.

Second, the Exchange is proposing to provide an incentive to all market participants that enter Orders in an LULD Liquidity Symbol during a Trading Pause and receive an execution of that Order. The Exchange will provide a \$0.0005 per share executed rebate, which will be provided upon execution of the eligible Order in the reopening process at the conclusion of the Trading Pause. The rebate will be provided in

lieu of the fee assessed under Rule 7018(f) for execution of quotes and orders executed halt crosses.<sup>22</sup> Unlike the proposed \$0.0010 per share executed rebate, which focuses on providing incentive to Exchange Market Makers to provide liquidity when the price of a LULD Liquidity Symbol has dropped significantly, this proposed \$0.0005 per share executed rebate targets all market participants during a Trading Pause. The Exchange will use the time at which it declares a Trading Pause in the LULD Liquidity Symbol up to the point at which it completes the halt cross in the security as the time during which orders are eligible to receive the \$0.0005 per share executed rebate.

b. Statutory Basis

The Exchange believes that the proposed rule change is consistent with Section 6 of the Act,<sup>23</sup> in general, and furthers the objectives of Sections 6(b)(4) and 6(b)(5) of the Act,<sup>24</sup> in particular, in that it provides for the equitable allocation of reasonable dues, fees and other charges among members and issuers and other persons using any facility or system which the Exchange operates or controls, and is 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; and

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<sup>22</sup> Under Rule 7018(f), a member is assessed a \$0.0010 per share executed fee for any quote or order that receives an execution in a halt cross, which includes a Limit Up-Limit Down trading pause halt cross.

<sup>23</sup> 15 U.S.C. 78f.

<sup>24</sup> 15 U.S.C. 78f(b)(4) and (5).

are not designed to permit unfair discrimination between customers, issuers, brokers, or dealers. As a general principle, the Exchange applies rebates and reduced fees in an effort to promote beneficial market-improving behavior among market participants. Under Rule 7014, the Exchange currently provides four Market Quality Incentive Programs that are designed to improve the markets by providing rebates and reduced fees as incentive to market participants. The proposed Limit Up-Limit Down Pricing Program is consistent with these other market-improving programs because it is designed to promote liquidity when liquidity is scarce and most needed. The proposed program is also consistent with recommendations made by the Committee to support trading during events when there is a shortage of liquidity. The Exchange is proposing to offer the program for a period no less than six months from its adoption so that it can measure the effectiveness of the rebates.

#### Market Maker Rebate

The Exchange believes that the proposed \$0.0010 per share executed rebate is reasonable because it rewards market makers for providing liquidity when the price of a security is falling significantly and many market participants have withdrawn. As discussed above, a stock that is in a Limit Down Limit State or Limit Down Straddle State has experienced a significant drop in a relatively short time. It has been the Exchange's observation that Limit Down Limit States and Limit Down Straddle States on the lower band are often characterized by a significant disparity between the number of buyers and sellers. Orders that provide buy side liquidity promote price discovery and help to normalize trading. The proposed rebate is designed to support buy side liquidity during Limit Down Limit States and Limit Down Straddle States in LULD Liquidity

Symbols by providing market makers with an incentive to provide bids at or above the Limit Down Price band. The proposed rebate may also provide incentive to Members to register as market makers in the LULD Liquidity Symbols so that they may avail themselves of the rebate, thereby potentially improving overall market quality in such securities. Moreover, the Exchange believes that the proposed \$0.0010 per share executed rebate is reasonable because it is consistent with rebates of other market quality incentive programs under Rule 7014. While the Exchange acknowledges that the \$0.0010 per share executed rebate is significantly higher than provided by most incentive programs under Rule 7014, which provide additional rebates ranging from \$0.0001 to \$0.0004 per share executed, the Exchange notes that the Lead Market Maker (“LMM”) Program under Rule 7014 provides rebates in Qualified Securities to LMMs for adding displayed liquidity ranging from \$0.0040 to \$0.0046 per share executed, depending on the qualification criteria met.<sup>25</sup> The rebate under the LMM Program is provided in lieu of the rebates provided under Rule 7018(a) for providing displayed liquidity, which are as high as \$0.00305 per share executed. Thus, the lowest effective rebate available to a LMM under the LMM Program is \$0.00095 (\$0.0040 - \$0.00305). Consequently, the Exchange believes that the proposed \$0.0010 per share executed rebate is reasonable because it is similar to the rebates provided under the LMM Program.

The Exchange believes that the proposed rebate is an equitable allocation and is not unfairly discriminatory because the Exchange will provide the same rebate to all similarly situated market makers. The Exchange believes that limiting the \$0.0010 per share executed rebate to registered market makers is an equitable allocation and is not

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<sup>25</sup> See Rule 7014(d) and (e).

unfairly discriminatory because the incentive may encourage Members to register as market makers in LULD Liquidity Symbols. Market makers have certain quoting and pricing obligations<sup>26</sup> for the securities in which they are registered; however, such obligations do not require them to enter buy orders priced at or higher than the Lower Price Band of the Limit Down Limit State or Limit Down Straddle State. The proposed \$0.0010 per share executed rebate is designed to incentivize market makers to provide liquidity in LULD Liquidity Symbols for which they are registered as market makers at a price higher than they would otherwise be obligated in order to satisfy their market making obligations. Moreover, an increased number of market makers registered in LULD Liquidity Symbols may increase the potential for improved liquidity in LULD Liquidity Symbols during Limit States, and may improve overall market quality in LULD Liquidity Symbols because of market makers' quoting and pricing obligations, which would benefit all market participants that trade LULD Liquidity Symbols.

#### Trading Pause Rebate

The Exchange believes that the proposed \$0.0005 per share executed rebate provided to members that enter Orders in a LULD Liquidity Symbol during a Trading Pause and receive an execution of that Order is reasonable because it may provide incentive to all market participants to provide liquidity during a Trading Pause in the securities of the program. The Exchange believes that all participants that provide liquidity during a Trading Pause should be rewarded for taking on the risk of entering

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<sup>26</sup> Rule 4613 requires market maker to be willing to buy and sell a security that it is registered as such on a continuous basis during regular market hours and to enter and maintain a two-sided trading interest that is identified to the Exchange as the interest meeting the obligation and is displayed in the Exchange's quotation montage at all times. Exchange market makers must also adhere to certain pricing obligations in their registered securities, as established by Rule 4613.



orders during a volatile market. These orders promote price discovery, which may in turn help reestablish normal trading in a security covered by the program. Moreover, the Exchange believes that the proposed \$0.0005 per share executed rebate is reasonable because it is consistent with rebates of other market quality incentive programs under Rule 7014, which provide additional rebates ranging from \$0.0001 to \$0.0004 per share executed. Unlike those rebates, which are provided in addition to any fee or other rebate the member may receive under Rule 7018, the proposed \$0.0005 per share executed rebate is provided in lieu of the \$0.0010 per share executed fee assessed for executions in halt crosses, including a Limit Up-Limit Down trading pause halt cross. As a consequence, a member that qualifies for the proposed new rebate will receive a net benefit of \$0.0015 per share executed. The Exchange notes that this net benefit is similar to the net benefit provided LMMs under the LMM Program. Specifically, an LMM that meets the highest performance criteria under the LMM Program is eligible to receive no charge for executions in the Halt Cross, Opening Cross and Closing Cross. In certain circumstances, a member may be assessed a charge of \$0.0015 per share executed for participation in the Opening and Closing Crosses. Thus, the net benefit provided by the proposed \$0.0005 per share executed rebate is reasonable. The Exchange believes that the proposed \$0.0005 per share executed rebate is an equitable allocation and is not unfairly discriminatory because the Exchange will provide the rebate to all members that provide orders during a Trading Pause in a LULD Liquidity Symbol that receive an execution.

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 terms of inter-market competition, the Exchange notes that it operates in a highly competitive market in which market participants can readily favor competing venues if they deem fee levels at a particular venue to be excessive, or rebate opportunities available at other venues to be more favorable. In such an environment, the Exchange must continually adjust its fees to remain competitive with other exchanges and with alternative trading systems that have been exempted from compliance with the statutory standards applicable to exchanges. Because competitors are free to modify their own fees in response, and because market participants may readily adjust their order routing practices, the Exchange believes that the degree to which fee changes in this market may impose any burden on competition is extremely limited.

In this instance, the Exchange is offering rebates in an effort to improve market quality during times of high volatility. The Exchange does not believe that the proposed change will place a burden on inter-market competition because the Limit Up-Limit Down Pricing Program is designed to improve market quality for all market participants by promoting price discovery for LULD Liquidity Symbols that have triggered Limit Up-Limit Down processes, and other exchanges are free to offer similar programs. If successful, the proposed Limit Up-Limit Down Pricing Program may promote competition among exchanges to provide incentives of their own to address low liquidity in NMS Stocks during a Limit Up-Limit Down process. Further, the Exchange does not believe that the proposed incentive program imposes a burden on competition among market participants because participation in the market during a Limit Up-Limit Down Limit State, Straddle State, or Trading Pause is completely voluntary. Moreover, the proposed incentive program will not be a burden on competition among market

participants because the Exchange is offering a rebate to all members that qualify under the program. The Exchange notes that it is limiting the \$0.0010 per share executed rebate to Exchange market makers registered in LULD Liquidity Symbols as an incentive to such market makers to provide liquidity priced better than they otherwise would be required to do so as market makers. In addition, the proposal may incentivize market participants to register as market makers with the Exchange. Providing incentive to members to become market makers will benefit all market participants trading in LULD Liquidity Symbols for the reasons discussed above. In this regard, all member firms may register as market makers in the LULD Liquidity Symbols if they choose to meet the qualification criteria. Accordingly, the Exchange does not believe that the proposed changes will impair the ability of members or competing order execution venues to maintain their competitive standing in the financial markets.

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)

Pursuant to Section 19(b)(3)(A)(ii) of the Act,<sup>27</sup> The Exchange has designated this proposal as establishing or changing a due, fee, or other charge imposed by the self-regulatory organization on any person, whether or not the person is a member of the self-regulatory organization, which renders the proposed rule change effective upon filing.

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<sup>27</sup> 15 U.S.C. 78s(b)(3)(A)(ii).

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: (i) necessary or appropriate in the public interest; (ii) for the protection of investors; or (iii) 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

Not applicable.

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 for publication in the Federal Register.
3. List of LULD Liquidity Symbols.
5. Text of the proposed rule change.

**EXHIBIT 1**

SECURITIES AND EXCHANGE COMMISSION  
(Release No. \_\_\_\_\_ ; File No. SR-NASDAQ-2016-065)

May \_\_, 2016

Self-Regulatory Organizations; The NASDAQ Stock Market LLC; Notice of Filing and Immediate Effectiveness of Proposed Rule Change to Adopt a New Limit Up-Limit Down Pricing Program Under Rule 7014

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 May 3, 2016, The NASDAQ Stock Market LLC (“Nasdaq” 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 a proposal to adopt a new Limit Up-Limit Down Pricing Program under Rule 7014 to improve liquidity during Limit Up-Limit Down events through incentive rebates.

The text of the proposed rule change is available on the Exchange’s Website at <http://nasdaq.cchwallstreet.com>, 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 Exchange is proposing to adopt a new Limit Up-Limit Down Pricing Program under Rule 7014 to improve liquidity during Limit Up-Limit Down events pursuant to Rule 4120(a)(12) through incentive rebates.

Background

On May 6, 2010, the U.S. markets experienced excessive volatility in an abbreviated time period, commonly referred to as the “flash crash.” Many of the almost 8,000 equity securities and exchange-traded funds (“ETFs”) traded that day experienced rapid price declines and reversals within a short period of time. Staff of the SEC and the U.S. Commodity Futures Trading Commission (“CFTC”) (collectively, “Staff”) worked together to study the events of the flash crash, issuing a report of their findings (“Report”) to the Joint CFTC-SEC Advisory Committee on Emerging Regulatory Issues (“Committee”).<sup>3</sup> Staff observed, among other things, that there was a “liquidity crisis”

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<sup>3</sup> See Report of the Staffs of the CFTC and SEC to the Joint Advisory Committee on Emerging Regulatory Issues, “Findings Regarding the Market Events of May 6, 2010,” dated September 30, 2010, available at <http://www.sec.gov/news/studies/2010/marketevents-report.pdf>.

with respect to individual stocks, whereby market participants widened quote spreads, reduced offered liquidity, or withdrew from the markets altogether.<sup>4</sup> Staff stated that:

While the withdrawal of a single participant may not significantly impact the entire market, a liquidity crisis can develop if many market participants withdraw at the same time. This, in turn, can lead to the breakdown of a fair and orderly price-discovery process, and in the extreme case trades can be executed at stub-quotes used by market makers to fulfill their continuous two-sided obligations.<sup>5</sup>

The Committee, in turn, issued a series of recommendations based on its analysis of Staff's findings.<sup>6</sup>

In response to the market structure issues uncovered by the flash crash and the recommendations of the Committee, the exchanges and FINRA (collectively, the "SROs") implemented market-wide measures designed to restore investor confidence by reducing the potential for excessive market volatility. One such measure was the adoption of a pilot plan for stock-by-stock trading pauses by SROs. On May 31, 2012, the SEC approved the National Market System Plan to Address Extraordinary Market Volatility, commonly referred to as the "Limit Up-Limit Down Plan."<sup>7</sup> The Limit Up-Limit Down Plan created a market-wide limit up-limit down mechanism intended to

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<sup>4</sup> See Report at 5.

<sup>5</sup> Report at 6.

<sup>6</sup> See Summary Report of the Committee, "Recommendations Regarding Regulatory Responses to the Market Events of May 6, 2010" (Feb, 18, 2011).

<sup>7</sup> See Securities Exchange Act Release No. 34-67091 (May 31, 2012), 77 FR 33498 (June 6, 2012).

address extraordinary market volatility in “NMS Stocks,” as defined in Rule 600(b)(47) of Regulation NMS under the Act.<sup>8</sup> The Limit Up-Limit Down Plan is designed to prevent trades in individual NMS Stocks from occurring outside of specified Price Bands,<sup>9</sup> which are based on a Reference Price<sup>10</sup> for each NMS Stock that equals the arithmetic mean price of Eligible Reported Transactions<sup>11</sup> for the NMS Stock over the immediately preceding five-minute period (except for periods following openings and re-openings). The Price Bands are disseminated by the single plan processor responsible for the consolidation of information for an NMS Stock (“Processor”) pursuant to Rule 603(b) of Regulation NMS.

The Limit Up-Limit Down Plan prevents trades in individual NMS Stocks from occurring outside of the Price Bands by applying Limit States,<sup>12</sup> whereby trading is permitted to continue within certain upper and lower limits, and Trading Pauses<sup>13</sup> to accommodate more fundamental price moves in an NMS Stock. An NMS Stock will enter a Limit State if it has a National Best Offer (“NBO”) that equals the lower price band and does not cross the National Best Bid (“NBB”), or a NBB that equals the upper price band and does not cross the NBO. When an NMS Stock enters a Limit State, the Processor will disseminate the information by identifying the relevant quotation (i.e., a

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<sup>8</sup> See 17 CFR 242.600(b)(47).

<sup>9</sup> As defined by Section I.(N) of the Plan.

<sup>10</sup> As defined by Section I.(T) the Plan.

<sup>11</sup> As defined by Section I.(A) the Plan.

<sup>12</sup> As defined by Section I.(C) the Plan.

<sup>13</sup> As defined by Section I.(Y) the Plan.



NBO that equals the Lower Price Band or a NBB that equals the Upper Price Band) as a Limit State Quotation,<sup>14</sup> and ceases to calculate and disseminate updated Reference Prices and Price Bands for the NMS Stock until either trading exits the Limit State or trading resumes with an opening or re-opening. An NMS Stock will exit a Limit State if, within 15 seconds of entering the Limit State, the entire size of all Limit State Quotations are executed or cancelled, at which time the Processor begins to calculate and disseminate updated Price Bands based on a Reference Price that equals the arithmetic mean price of Eligible Reported Transactions for the NMS Stock over the immediately preceding five-minute period (including the period of the Limit State). If trading for an NMS Stock does not exit a Limit State within fifteen seconds of entry, the Limit State will terminate when the Primary Listing Exchange declares a Trading Pause, or at the end of Regular Trading Hours.

The Primary Listing Exchange must declare a Trading Pause if a NMS Stock does not exit a Limit State within fifteen seconds of entry during Regular Market Hours. The Primary Listing Exchange may also declare a Trading Pause for an NMS Stock if the NMS Stock is in a Straddle State, which is when the NBB is below the Lower Price Band or the NBO is above the Upper Price Band, the NMS Stock is not in a Limit State, and trading in that NMS Stock deviates from normal trading characteristics such that declaring a Trading Pause would support the Plan's goal to address extraordinary market volatility. The Primary Listing Exchange is responsible for declaring a Trading Pause in an NMS Stock and informing the Processor and during a Trading Pause the Processor disseminates Trading Pause information to the public. During a Trading Pause, no trades

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<sup>14</sup> As defined by Section I.(D) the Plan.

in a NMS Stock may occur, but all bids and offers may be displayed. A Trading Pause will conclude in one of two ways. First, if after five minutes from declaration of the Trading Pause the Primary Listing Exchange has not declared a Regulatory Halt, it will initiate established re-opening procedures. The Trading Pause will conclude when the Primary Listing Exchange reports a Reopening Price. Alternatively, a Trading Pause will conclude if the Primary Listing Exchange does not report a Reopening Price within ten minutes after the declaration of a Trading Pause in a NMS Stock, and has not declared a Regulatory Halt. When trading resumes after a Trading Pause, the Processor then will update the Prices Bands.

The Exchange believes that the Limit Up-Limit Down Plan has been successful at addressing extraordinary volatility in the markets, through its combination of price bands and trading pauses. A fundamental underpinning to re-establishing a less volatile and stable market in times of market stress is liquidity. As quoted above, Staff observed that a liquidity crisis arising from the withdrawal of market participants can lead to the breakdown of a fair and orderly price-discovery process.<sup>15</sup> There is great risk to market participants when markets are volatile and many firms employ their own versions of a trading pause to withdraw from the markets as risk mitigation.<sup>16</sup> In its analysis of the flash crash, Staff observed that the markets suffered significant reductions in liquidity as prices fell, particularly evidenced by a significant reduction in buy-side market depth. The lack of adequate incentives to address such liquidity crisis is a concern of the Committee, which noted in its report that “incentives to display liquidity may be deficient

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<sup>15</sup> See Supra note 6.

<sup>16</sup> See Report at 36.

in [a] normal market, and are seriously deficient in turbulent markets.”<sup>17</sup> Arising from this concern, the Committee recommended that the CFTC and SEC “consider incentives to supply liquidity that vary with market conditions.”<sup>18</sup>

### Proposal

The Exchange is proposing to implement a new rebate program designed to provide incentive to market participants to provide liquidity during Limit States, Straddle States and Trading Pause in a select group of NMS Stocks chosen by the Exchange (“LULD Liquidity Symbols”). The new incentive program is being proposed in light of the Committee’s recommendation that exchanges adopt a “peak load” pricing model as a solution to encouraging liquidity during turbulent markets.<sup>19</sup> In its purest form, a peak load pricing model increases both fees and rebates to improve liquidity. A higher access fee in comparison to other exchanges may discourage entry of aggressive liquidity-removing trades. By contrast, a higher rebate in comparison to other markets may encourage entry of liquidity-providing limit orders. Under Regulation NMS, exchanges are limited in level of access fees that they may assess their members. The Exchange’s access fee schedule under Rule 7018(a) provides that, under certain circumstances, removal of displayed liquidity is assessed as the highest permissible rate. As consequence, any additional fee for removal of liquidity would exceed that limit. Exchanges are not so constrained, however, in level of rebate provided for liquidity.

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<sup>17</sup> See Supra note 6 at 9.

<sup>18</sup> Id.

<sup>19</sup> Id.

The Exchange agrees with the Committee that more must be done to encourage liquidity during times of market stress, and providing market participants with incentives to provide liquidity may further that goal. While the Exchange is limited in the level of fee-based disincentives that it can assess for liquidity removal during turbulent markets, the Exchange is able to adopt incentives to address the Committee's concern that there are insufficient incentives to market participants to provide displayed liquidity in such markets. Specifically, the Exchange is proposing to provide two new incentives that are focused on promoting liquidity when a LULD Liquidity Symbol is in a Limit State, Straddle State, or a Trading Pause.<sup>20</sup> The Exchange has selected a group of 200 LULD Liquidity Symbols that are Exchange-listed stocks and ETFs of various sizes based on market capitalization. In selecting the securities, the Exchange first considered how individual Exchange-listed securities were impacted on particularly volatile days, and when a Limit State, Straddle State or Trading Pause occurred, with a particular focus on liquidity. From this pool of potential LULD Liquidity Symbols, the Exchange next eliminated very low volume stocks that frequently have LULD bands based on bid-ask midpoint rather than a trade price. Last, the Exchange used stratified random sampling of the remaining pool of potential LULD Liquidity Symbols to assure that the stocks represented a wide range of market capitalization levels. The Exchange may add to or modify the list of securities covered by the Limit Up-Limit Down Pricing Program. To the extent the Exchange determines to modify the list of LULD Liquidity Symbol, it will file a rule change proposal with the Commission. In selecting new LULD Liquidity

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<sup>20</sup> The Exchange notes that nothing proposed in this rule change will alter how the Exchange handles quotes and orders in compliance with Regulation NMS, including member obligations with respect to avoiding quotes and orders that lock or cross the markets.

Symbols, the Exchange will apply the same criteria used in selecting the initial group of LULD Liquidity Symbols.

First, for LULD Liquidity Symbol securities priced \$1 or more the Exchange is adopting an incentive in the form of a \$0.0010 per share executed rebate to Exchange market makers that enter displayed orders to buy (other than Designated Retail Orders, as defined in Rule 7018) when the LULD Liquidity Symbol security enters a Limit State based on an NBO that equals the lower price band and does not cross the NBB (“Limit Down Limit State”). To be eligible, the market maker must be registered as a market maker for the LULD Liquidity Symbol. The Exchange believes the incentive will promote liquidity in LULD Liquidity Symbols during times of significant price declines in those securities, which is typically a time when buy liquidity is scarce. The rebate will be provided to all buy orders entered by an Exchange market maker priced at or higher than the Lower Price Band of the Limit Down Limit State entered after initiation thereof until its conclusion, and that add liquidity at any time during continuous trading.<sup>21</sup>

Similarly, for LULD Liquidity Symbol securities priced \$1 or more the Exchange will provide the \$0.0010 per share executed rebate to Exchange market makers that enter displayed orders to buy (other than Designated Retail Orders, as defined in Rule 7018) when the LULD Liquidity Symbol security enters a Straddle State based on an NBB that is below the lower price band (“Limit Down Straddle State”). To be eligible, the market maker must be registered as a market maker for the LULD Liquidity Symbol. The rebate will be provided to all buy orders entered by an Exchange market maker priced at or

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<sup>21</sup> Orders are considered to have added liquidity if they are posted on the Exchange book and are executed during continuous trading. Executions during a Halt, IPO, Open, and Closing Crosses are not considered to have added or removed liquidity.

higher than the Lower Price Band of the Limit Down Straddle State entered after initiation thereof until its conclusion, and that receive an execution any time after the order is entered during regular market hours, except for executions received in subsequent Halt Crosses or Closing Cross. The Exchange will use the time that it receives the message from the Processor that a LULD Liquidity Symbol is in a Limit Down Limit State or Limit Down Straddle State as the time at which the rebate is available, and the message from the Processor that the security has emerged from the Limit Down Limit State or Limit Down Straddle State as the time at which the rebate is no longer available.

The following is an example of how the rebate will be applied. For this example market maker refers to an Exchange market maker registered in symbol ABC. Assume symbol ABC has a lower price band of \$10.00 and is a LULD Liquidity Symbol. Further assume the Exchange is the only market with a displayed offer at \$10.00 for 300 shares and the Exchange has received the message from the Processor that ABC is in a Limit Down Limit State. Market maker #1 enters a 1,000 share displayable buy order priced at \$10.00. Market maker #1's order trades against the 300 shares offered and the remaining 700 shares post to the Exchange's book at \$10.00. The Bid on the Exchange is now \$10.00. The 700 shares from market maker #1 are eligible to receive the additional \$0.0010 rebate per share executed when adding liquidity. Market maker #2 enters a 200 share displayable buy order at \$10.00. The 200 shares are also eligible to receive the additional \$0.0010 rebate when adding liquidity. The Exchange receives the message from the Processor that the security has emerged from the Limit Down Limit State. Market maker #3 enters a 100 share displayable buy order at \$10.00. The 100 shares are

not eligible to receive the additional \$0.0010 rebate since the Exchange has already received the message from the Processor that the security has emerged from the Limit Down Limit State. Market maker #1 and #2's posted orders are still eligible to receive the \$0.0010 per share rebate if the orders add liquidity at a later point.

Second, the Exchange is proposing to provide an incentive to all market participants that enter Orders in an LULD Liquidity Symbol during a Trading Pause and receive an execution of that Order. The Exchange will provide a \$0.0005 per share executed rebate, which will be provided upon execution of the eligible Order in the reopening process at the conclusion of the Trading Pause. The rebate will be provided in lieu of the fee assessed under Rule 7018(f) for execution of quotes and orders executed halt crosses.<sup>22</sup> Unlike the proposed \$0.0010 per share executed rebate, which focuses on providing incentive to Exchange Market Makers to provide liquidity when the price of a LULD Liquidity Symbol has dropped significantly, this proposed \$0.0005 per share executed rebate targets all market participants during a Trading Pause. The Exchange will use the time at which it declares a Trading Pause in the LULD Liquidity Symbol up to the point at which it completes the halt cross in the security as the time during which orders are eligible to receive the \$0.0005 per share executed rebate

## 2. Statutory Basis

The Exchange believes that the proposed rule change is consistent with Section 6 of the Act,<sup>23</sup> in general, and furthers the objectives of Sections 6(b)(4) and 6(b)(5) of the

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<sup>22</sup> Under Rule 7018(f), a member is assessed a \$0.0010 per share executed fee for any quote or order that receives an execution in a halt cross, which includes a Limit Up-Limit Down trading pause halt cross.

<sup>23</sup> 15 U.S.C. 78f.

Act,<sup>24</sup> in particular, in that it provides for the equitable allocation of reasonable dues, fees and other charges among members and issuers and other persons using any facility or system which the Exchange operates or controls, and is 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; and are not designed to permit unfair discrimination between customers, issuers, brokers, or dealers. As a general principle, the Exchange applies rebates and reduced fees in an effort to promote beneficial market-improving behavior among market participants. Under Rule 7014, the Exchange currently provides four Market Quality Incentive Programs that are designed to improve the markets by providing rebates and reduced fees as incentive to market participants. The proposed Limit Up-Limit Down Pricing Program is consistent with these other market-improving programs because it is designed to promote liquidity when liquidity is scarce and most needed. The proposed program is also consistent with recommendations made by the Committee to support trading during events when there is a shortage of liquidity. The Exchange is proposing to offer the program for a period no less than six months from its adoption so that it can measure the effectiveness of the rebates.

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<sup>24</sup> 15 U.S.C. 78f(b)(4) and (5).



Market Maker Rebate

The Exchange believes that the proposed \$0.0010 per share executed rebate is reasonable because it rewards market makers for providing liquidity when the price of a security is falling significantly and many market participants have withdrawn. As discussed above, a stock that is in a Limit Down Limit State or Limit Down Straddle State has experienced a significant drop in a relatively short time. It has been the Exchange's observation that Limit Down Limit States and Limit Down Straddle States on the lower band are often characterized by a significant disparity between the number of buyers and sellers. Orders that provide buy side liquidity promote price discovery and help to normalize trading. The proposed rebate is designed to support buy side liquidity during Limit Down Limit States and Limit Down Straddle States in LULD Liquidity Symbols by providing market makers with an incentive to provide bids at or above the Limit Down Price band. The proposed rebate may also provide incentive to Members to register as market makers in the LULD Liquidity Symbols so that they may avail themselves of the rebate, thereby potentially improving overall market quality in such securities. Moreover, the Exchange believes that the proposed \$0.0010 per share executed rebate is reasonable because it is consistent with rebates of other market quality incentive programs under Rule 7014. While the Exchange acknowledges that the \$0.0010 per share executed rebate is significantly higher than provided by most incentive programs under Rule 7014, which provide additional rebates ranging from \$0.0001 to \$0.0004 per share executed, the Exchange notes that the Lead Market Maker ("LMM") Program under Rule 7014 provides rebates in Qualified Securities to LMMs for adding displayed liquidity ranging from \$0.0040 to \$0.0046 per share executed, depending on

the qualification criteria met.<sup>25</sup> The rebate under the LMM Program is provided in lieu of the rebates provided under Rule 7018(a) for providing displayed liquidity, which are as high as \$0.00305 per share executed. Thus, the lowest effective rebate available to a LMM under the LMM Program is \$0.00095 (\$0.0040 - \$0.00305). Consequently, the Exchange believes that the proposed \$0.0010 per share executed rebate is reasonable because it is similar to the rebates provided under the LMM Program.

The Exchange believes that the proposed rebate is an equitable allocation and is not unfairly discriminatory because the Exchange will provide the same rebate to all similarly situated market makers. The Exchange believes that limiting the \$0.0010 per share executed rebate to registered market makers is an equitable allocation and is not unfairly discriminatory because the incentive may encourage Members to register as market makers in LULD Liquidity Symbols. Market makers have certain quoting and pricing obligations<sup>26</sup> for the securities in which they are registered; however, such obligations do not require them to enter buy orders priced at or higher than the Lower Price Band of the Limit Down Limit State or Limit Down Straddle State. The proposed \$0.0010 per share executed rebate is designed to incentivize market makers to provide liquidity in LULD Liquidity Symbols for which they are registered as market makers at a price higher than they would otherwise be obligated in order to satisfy their market making obligations. Moreover, an increased number of market makers registered in

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<sup>25</sup> See Rule 7014(d) and (e).

<sup>26</sup> Rule 4613 requires market maker to be willing to buy and sell a security that it is registered as such on a continuous basis during regular market hours and to enter and maintain a two-sided trading interest that is identified to the Exchange as the interest meeting the obligation and is displayed in the Exchange's quotation montage at all times. Exchange market makers must also adhere to certain pricing obligations in their registered securities, as established by Rule 4613.

LULD Liquidity Symbols may increase the potential for improved liquidity in LULD Liquidity Symbols during Limit States, and may improve overall market quality in LULD Liquidity Symbols because of market makers' quoting and pricing obligations, which would benefit all market participants that trade LULD Liquidity Symbols.

#### Trading Pause Rebate

The Exchange believes that the proposed \$0.0005 per share executed rebate provided to members that enter Orders in a LULD Liquidity Symbol during a Trading Pause and receive an execution of that Order is reasonable because it may provide incentive to all market participants to provide liquidity during a Trading Pause in the securities of the program. The Exchange believes that all participants that provide liquidity during a Trading Pause should be rewarded for taking on the risk of entering orders during a volatile market. These orders promote price discovery, which may in turn help reestablish normal trading in a security covered by the program. Moreover, the Exchange believes that the proposed \$0.0005 per share executed rebate is reasonable because it is consistent with rebates of other market quality incentive programs under Rule 7014, which provide additional rebates ranging from \$0.0001 to \$0.0004 per share executed. Unlike those rebates, which are provided in addition to any fee or other rebate the member may receive under Rule 7018, the proposed \$0.0005 per share executed rebate is provided in lieu of the \$0.0010 per share executed fee assessed for executions in halt crosses, including a Limit Up-Limit Down trading pause halt cross. As a consequence, a member that qualifies for the proposed new rebate will receive a net benefit of \$0.0015 per share executed. The Exchange notes that this net benefit is similar to the net benefit provided LMMs under the LMM Program. Specifically, an LMM that

meets the highest performance criteria under the LMM Program is eligible to receive no charge for executions in the Halt Cross, Opening Cross and Closing Cross. In certain circumstances, a member may be assessed a charge of \$0.0015 per share executed for participation in the Opening and Closing Crosses. Thus, the net benefit provided by the proposed \$0.0005 per share executed rebate is reasonable. The Exchange believes that the proposed \$0.0005 per share executed rebate is an equitable allocation and is not unfairly discriminatory because the Exchange will provide the rebate to all members that provide orders during a Trading Pause in a LULD Liquidity Symbol that receive an execution

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 terms of inter-market competition, the Exchange notes that it operates in a highly competitive market in which market participants can readily favor competing venues if they deem fee levels at a particular venue to be excessive, or rebate opportunities available at other venues to be more favorable. In such an environment, the Exchange must continually adjust its fees to remain competitive with other exchanges and with alternative trading systems that have been exempted from compliance with the statutory standards applicable to exchanges. Because competitors are free to modify their own fees in response, and because market participants may readily adjust their order routing practices, the Exchange believes that the degree to which fee changes in this market may impose any burden on competition is extremely limited.

In this instance, the Exchange is offering rebates in an effort to improve market quality during times of high volatility. The Exchange does not believe that the proposed

change will place a burden on inter-market competition because the Limit Up-Limit Down Pricing Program is designed to improve market quality for all market participants by promoting price discovery for LULD Liquidity Symbols that have triggered Limit Up-Limit Down processes, and other exchanges are free to offer similar programs. If successful, the proposed Limit Up-Limit Down Pricing Program may promote competition among exchanges to provide incentives of their own to address low liquidity in NMS Stocks during a Limit Up-Limit Down process. Further, the Exchange does not believe that the proposed incentive program imposes a burden on competition among market participants because participation in the market during a Limit Up-Limit Down Limit State, Straddle State, or Trading Pause is completely voluntary. Moreover, the proposed incentive program will not be a burden on competition among market participants because the Exchange is offering a rebate to all members that qualify under the program. The Exchange notes that it is limiting the \$0.0010 per share executed rebate to Exchange market makers registered in LULD Liquidity Symbols as an incentive to such market makers to provide liquidity priced better than they otherwise would be required to do so as market makers. In addition, the proposal may incentivize market participants to register as market makers with the Exchange. Providing incentive to members to become market makers will benefit all market participants trading in LULD Liquidity Symbols for the reasons discussed above. In this regard, all member firms may register as market makers in the LULD Liquidity Symbols if they choose to meet the qualification criteria. Accordingly, the Exchange does not believe that the proposed changes will impair the ability of members or competing order execution venues to maintain their competitive standing in the financial markets.

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

The foregoing rule change has become effective pursuant to Section 19(b)(3)(A)(ii) of the Act.<sup>27</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: (i) necessary or appropriate in the public interest; (ii) for the protection of investors; or (iii) 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-NASDAQ-2016-065 on the subject line.

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<sup>27</sup> 15 U.S.C. 78s(b)(3)(A)(ii).

Paper comments:

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

All submissions should refer to File Number SR-NASDAQ-2016-065. 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-NASDAQ-2016-065 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>28</sup>

Robert W. Errett  
Deputy Secretary

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<sup>28</sup> 17 CFR 200.30-3(a)(12).



**EXHIBIT 3**

The following is a list of LULD Liquidity Symbols.

<b>Issue Symbol</b>	<b>Issue Name</b>
ABEO	Abeona Therapeutics, Inc.
ABTL	Autobyte Inc.
ACBI	Atlantic Capital Bancshares, Inc.
ADMS	Adamas Pharmaceuticals, Inc.
AGYS	Agilysys, Inc.
ALOG	Analogic Corporation
ALQA	Alliqua BioMedical, Inc.
ALRM	Alarm.com Holdings Inc
AMCC	Applied Micro Circuits Corporation
AMCX	AMC Networks Inc. Class A
AMRI	Albany Molecular Research, Inc.
AMRN	Amarin Corporation Plc Sponsored ADR
AMSC	American Superconductor Corporation
AMZN	Amazon.com, Inc.
ASMB	Assembly Biosciences, Inc.
ATAX	America First Multifamily Investors, L.P.
ATML	Atmel Corporation
ATRO	Astronics Corporation
AVGO	Broadcom Limited
AWRE	Aware, Inc.
BEAV	B/E Aerospace Inc.

BKMU	Bank Mutual Corporation
BLFS	BioLife Solutions, Inc.
BLPH	Bellerophon Therapeutics, Inc.
BRCM	Broadcom Corporation Class A
BREW	Craft Brew Alliance
BRKL	Brookline Bancorp, Inc.
BUSE	First Busey Corporation
CACB	Cascade Bancorp
CAMT	Camtek Ltd
CBIO	Catalyst Biosciences, Inc.
CCUR	Concurrent Computer Corporation
CECE	CECO Environmental Corp.
CELG	Celgene Corporation
CHRS	Coherus BioSciences, Inc.
CLVS	Clovis Oncology, Inc.
CMCSA	Comcast Corporation Class A
CNAT	Conatus Pharmaceuticals Inc.
COLM	Columbia Sportswear Company
CORI	Corium International, Inc.
CPRX	Catalyst Pharmaceuticals, Inc.
CPSI	Computer Programs and Systems, Inc.
CRVL	CorVel Corporation
CSBK	Clifton Bancorp, Inc.
CTWS	Connecticut Water Service, Inc.

CYOU	Changyou.com Ltd. Sponsored ADR Class A
DIOD	Diodes Incorporated
DMRC	Digimarc Corporation
DNAI	ProNAi Therapeutics Inc
DRRX	DURECT Corporation
DRWI	Dragonwave Inc.
DSCO	Discovery Laboratories, Inc.
DTEA	DAVIDsTEA, Inc.
EA	Electronic Arts Inc.
EBAY	eBay Inc.
EBIX	Ebix, Inc.
EGOV	NIC Inc.
ELEC	Electrum Special Acquisition Corp.
EMCI	EMC Insurance Group Inc.
EMMS	Emmis Communications Corporation Class A
ENTL	Entellus Medical, Inc.
ERI	Eldorado Resorts Inc
ESRX	Express Scripts Holding Company
EVEP	EV Energy Partners, L.P.
EXTR	Extreme Networks, Inc.
EYES	Second Sight Medical Products, Inc.
FB	Facebook, Inc. Class A
FHCO	Female Health Company
FITB	Fifth Third Bancorp

FORR	Forrester Research, Inc.
FOX	Twenty-First Century Fox, Inc. Class B
FOXA	Twenty-First Century Fox, Inc. Class A
FREE	Freeseas Inc.
FSYS	Fuel Systems Solutions, Inc.
FTNT	Fortinet, Inc.
FXCB	Fox Chase Bancorp, Inc.
GAIA	Gaiam, Inc. Class A
GALE	Galena Biopharma, Inc.
GEOS	Geospace Technologies Corporation
GILD	Gilead Sciences, Inc.
GLRE	Greenlight Capital Re, Ltd. Class A
GRPN	Groupon, Inc. Class A
GSM	Ferroglobe PLC
HBAN	Huntington Bancshares Incorporated
HCAC	Hennessy Capital Acquisition Corp. II
HTBK	Heritage Commerce Corp
HTBX	Heat Biologics, Inc.
HTCH	Hutchinson Technology Incorporated
HURN	Huron Consulting Group Inc.
IAC	IAC/InterActiveCorp.
IIIN	Insteel Industries, Inc.
IKGH	Iao Kun Group Holding Company Limited
INDB	Independent Bank Corp.

INTC	Intel Corporation
IRDM	Iridium Communications Inc.
ISCA	International Speedway Corporation Class A
JIVE	Jive Software, Inc.
JMBA	Jamba, Inc.
KHC	Kraft Heinz Company
KIRK	Kirkland's, Inc.
KONE	Kingtone Wirelessinfo Solution Holding Ltd. Sponsored ADR
KRNT	Kornit Digital Ltd.
KVHI	KVH Industries, Inc.
KZ	KongZhong Corp. Sponsored ADR
LABL	Multi-Color Corporation
LMRK	Landmark Infrastructure Partners LP
LOPE	Grand Canyon Education, Inc.
LPCN	Lipocine, Inc.
MATW	Matthews International Corporation Class A
MCEP	Mid-Con Energy Partners, LP
MDCO	Medicines Company
MDLZ	Mondelez International, Inc. Class A
MDVX	Medovex Corp
MDXG	MiMedx Group, Inc.
MGIC	Magic Software Enterprises Ltd.
MIME	Mimecast Limited

MNTA	Momenta Pharmaceuticals, Inc.
MPEL	Melco Crown Entertainment Limited Sponsored ADR
MRD	Memorial Resource Development Corp
MSFG	MainSource Financial Group, Inc.
MSFT	Microsoft Corporation
MSLI	Merus Labs International Inc.
MTSC	MTS Systems Corporation
MXIM	Maxim Integrated Products, Inc.
MYL	Mylan N.V.
NANO	Nanometrics Incorporated
NAVI	Navient Corp
NDAQ	Nasdaq, Inc.
NEO	NeoGenomics, Inc.
NEWP	Newport Corporation
NFLX	Netflix, Inc.
NKTR	Nektar Therapeutics
NNBR	NN, Inc.
NTK	Nortek, Inc.
NTRS	Northern Trust Corporation
NVDA	NVIDIA Corporation
NXST	Nexstar Broadcasting Group Inc Class A
NYMX	Nymox Pharmaceutical Corp
OFIX	Orthofix International NV
OSUR	OraSure Technologies, Inc.

OZRK	Bank of the Ozarks, Inc.
PCYG	Park City Group, Inc.
PEGI	Pattern Energy Group, Inc. Class A
PFBC	Preferred Bank
PFPT	Proofpoint, Inc.
PGTI	PGT, Inc.
PLXS	Plexus Corp.
POOL	Pool Corporation
POPE	Pope Resources
POWL	Powell Industries, Inc.
PRTS	U.S. Auto Parts Network, Inc.
PSIX	Power Solutions International, Inc.
PSTI	Pluristem Therapeutics Inc.
PTIE	Pain Therapeutics, Inc.
QCOM	QUALCOMM Incorporated
RCKY	Rocky Brands, Inc.
RCON	Recon Technology Ltd.
RELL	Richardson Electronics, Ltd.
RLYP	Relypsa, Inc.
RNST	Renasant Corporation
SAUC	Diversified Restaurant Holdings, Inc.
SBAC	SBA Communications Corporation
SBUX	Starbucks Corporation
SEIC	SEI Investments Company

SENEA	Seneca Foods Corporation Class A
SHLO	Shiloh Industries, Inc.
SIGI	Selective Insurance Group, Inc.
SINA	SINA Corp.
SLM	SLM Corp
SPNS	Sapiens International Corp. NV
SRPT	Sarepta Therapeutics, Inc.
STBA	S&T Bancorp, Inc.
STKL	Sunopta Inc.
SUMR	Summer Infant, Inc.
SVA	Sinovac Biotech Ltd.
TACT	TransAct Technologies Incorporated
TASR	TASER International, Inc.
TECD	Tech Data Corporation
TERP	TerraForm Power, Inc. Class A
TESS	TESSCO Technologies Incorporated
TRIL	Trillium Therapeutics Inc.
TTNP	Titan Pharmaceuticals, Inc.
TXRH	Texas Roadhouse, Inc.
TZOO	Travelzoo Inc.
UBSI	United Bankshares, Inc.
UCBI	United Community Banks, Inc.
UTSI	UTStarcom Holdings Corp.
VCYT	Veracyte Inc



VDSI	VASCO Data Security International, Inc.
VISN	Visionchina Media, Inc. Sponsored ADR
VIVO	Meridian Bioscience, Inc.
WB	Weibo Corp Sponsored ADR Class A
WDFC	WD-40 Company
XCOM	Xtera Communications, Inc.
XLNX	Xilinx, Inc.
YOD	YOU On Demand Holdings, Inc.
ZG	Zillow Group, Inc. Class A
ZION	Zions Bancorporation
ZIOP	ZIOPHARM Oncology, Inc.

**EXHIBIT 5**

New text is underlined.

**The NASDAQ Stock Market Rules**

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**7014. Market Quality Incentive Programs**

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**Limit Up-Limit Down Pricing Program**

(i) The following rebates will apply to Limit Up-Limit Down Pricing Program securities, which are available at [www.nasdaqtrader.com/Trader.aspx?id=LULDPilot](http://www.nasdaqtrader.com/Trader.aspx?id=LULDPilot).

(1) For securities priced \$1 or more Nasdaq will provide a \$0.0010 per share executed rebate to Nasdaq Market Makers registered in the relevant security with respect to all other displayed orders to buy (other than Designated Retail Orders, as defined in Rule 7018) that provide liquidity and that are priced at or above the Lower Band of a Limit State or Straddle State pursuant to Rule 4120(a)(12).

(2) In lieu of the fee assessed under Rule 7018(f), Nasdaq will provide a \$0.0005 per share executed rebate to a member for any order entered during a Trading Pause pursuant to Rule 4120(a)(12) that are executed in the re-opening process.

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