Required fields are shown with yellow backgrounds and asterisks.

OMB Number: 3235-0045
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Page 1 of * 50		SECURITIES AND EXCHANGE COMMISSION File No.* SR - 2016 - * 100 WASHINGTON, D.C. 20549 Amendment No. (req. for Amendments *)						
Filing b	by NASDAQ Stock Marke	et						
Pursuant to Rule 19b-4 under the Securities Exchange Act of 1934								
Initial *	Amendment *	Withdrawal	Section 19(b)(2)	* Section	on 19(b)(3)(A) *	Section 19(b)(3)(B) *		
Pilot	Extension of Time Period for Commission Action *	Date Expires *		☐ 19b-4(f ☑ 19b-4(f ☐ 19b-4(f)(2) 19b-4(f)(5)			
	of proposed change pursuar	Section 806(e)(2) *	ng, and Settlement	Act of 2010	to the Securities Exch Section 3C(b)(2)	-		
Exhibit 2	Sent As Paper Document	Exhibit 3 Sent As Paper Do	ocument					
Description Provide a brief description of the action (limit 250 characters, required when Initial is checked *). Proposal to modify NOM pricing at Chapter XV, Sections 2(1) and 2(6).								
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 Na	ame * Angela		Last Name * Dun	n				
Title *	Associate General (Counsel						
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SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 For complete Form 19b-4 instructions please refer to the EFFS website. The self-regulatory organization must provide all required information, presented in a Form 19b-4 Information * clear and comprehensible manner, to enable the public to provide meaningful comment on the proposal and for the Commission to determine whether the proposal Remove is consistent with the Act and applicable rules and regulations under the Act. The Notice section of this Form 19b-4 must comply with the guidelines for publication Exhibit 1 - Notice of Proposed Rule Change * 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 Add Remove View 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) The Notice section of this Form 19b-4 must comply with the guidelines for publication **Exhibit 1A- Notice of Proposed Rule** in the Federal Register as well as any requirements for electronic filing as published Change, Security-Based Swap Submission, by the Commission (if applicable). The Office of the Federal Register (OFR) offers or Advance Notice by Clearing Agencies * 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, Copies of notices, written comments, transcripts, other communications. If such **Transcripts, Other Communications** documents cannot be filed electronically in accordance with Instruction F, they shall be filed in accordance with Instruction G. Remove View Add Exhibit Sent As Paper Document П Exhibit 3 - Form, Report, or Questionnaire 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 Add Remove View referred to by the proposed rule change. Exhibit Sent As Paper Document The full text shall be marked, in any convenient manner, to indicate additions to and **Exhibit 4 - Marked Copies** deletions from the immediately preceding filing. The purpose of Exhibit 4 is to permit Add Remove View 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** 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 Add Remove View of the proposed rule change. If the self-regulatory organization is amending only part of the text of a lengthy **Partial Amendment** 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")¹ and Rule 19b-4 thereunder,² is filing with the Securities and Exchange Commission ("SEC" or "Commission") a proposal to modify the NASDAQ Options Market LLC's ("NOM") pricing at Chapter XV, Sections 2(1) and 2(6) to: (i) amend Customer³ and Professional⁴ Penny Pilot Options⁵ Rebate to Add Liquidity tiers; (ii) amend the Customer and Professional Penny Pilot Options Fee for Removing Liquidity; and (iii) amend the Market Access and Routing Subsidy or "MARS."

A notice of the proposed rule change for publication in the <u>Federal Register</u> is at <u>Exhibit 1</u> and the text of the amended Exchange Rule is at <u>Exhibit 5</u>.

¹ 15 U.S.C. 78s(b)(1).

² 17 CFR 240.19b-4.

The term "Customer" or ("C") applies to any transaction that is identified by a Participant for clearing in the Customer range at The Options Clearing Corporation which is not for the account of broker or dealer or for the account of a "Professional." See Chapter XV.

The term "Professional" or ("P") means any person or entity that (i) is not a broker or dealer in securities, and (ii) places more than 390 orders in listed options per day on average during a calendar month for its own beneficial account(s) pursuant to Chapter I, Section 1(a)(48). All Professional orders shall be appropriately marked by Participants.

The Penny Pilot was established in March 2008 and was last extended in 2016.

See Securities Exchange Act Release Nos. 57579 (March 28, 2008), 73 FR 18587 (April 4, 2008) (SR-NASDAQ-2008-026) (notice of filing and immediate effectiveness establishing Penny Pilot); and 78037 (June 10, 2016), 81 FR 39299 (June 16, 2016) (SR-NASDAQ-2016-052) (notice of filing and immediate effectiveness extending the Penny Pilot through December 31, 2016). All Penny Pilot Options listed on the Exchange can be found at http://www.nasdaqtrader.com/MicroNews.aspx?id=OTA2016-15

- (b) Not applicable.
- (c) Not applicable.
- 2. <u>Procedures of the Self-Regulatory Organization</u>

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. Exchange staff will advise the Board of any action taken pursuant to delegated authority. No other action is necessary for the filing of the rule change.

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

Angela Saccomandi Dunn Associate General Counsel Nasdaq, Inc. 215-496-5692

- 3. <u>Self-Regulatory Organization's Statement of the Purpose of, and Statutory Basis</u> for, the Proposed Rule Change
 - a. <u>Purpose</u>

The Exchange proposes three NOM pricing amendments at Chapter XV as described below in greater detail.

<u>Pricing Change Number 1: Chapter XV, Section 2(1) - Customer and</u> Professional Penny Pilot Options Rebate to Add Liquidity

The Exchange proposes to amend the Customer and Professional Penny Pilot Options Rebate to Add Liquidity tiers. Specifically, the Exchange proposes to amend the current qualifications related to the Tier 8 Customer and Professional Penny Pilot Options rebate. The proposed new Tier 8 qualifications should continue to attract Customer and Professional order flow to NOM. This order flow benefits other market participants through order interaction.

Today, the Exchange pays Customer and Professional Penny Pilot Options

Rebates to Add Liquidity as follows:

Mon	thly Volume	Rebate to Add Liquidity
Tier 1	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of up to 0.10% of total industry customer equity and ETF option average daily volume ("ADV") contracts per day in a month	\$0.20
Tier 2	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.10% to 0.20% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.25
Tier 3	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.20% to 0.30% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.42
Tier 4	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.30% to 0.40% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.43
Tier 5	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.40% to 0.75% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.45
Tier 6 ^b	Participant has Total Volume of 100,000 or more contracts per day in a month, of which 25,000 or more contracts per day in a month must be Customer and/or Professional liquidity in Penny Pilot Options	\$0.45
Tier 7 ^b	Participant has Total Volume of 150,000 or more contracts per day in a month, of which 50,000 or more contracts per day in a month must be Customer and/or Professional liquidity in Penny Pilot Options	\$0.47
Tier 8	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.75% or more of total industry customer equity and ETF option ADV contracts per day in a month, or Participant adds: (1) Customer and/or Professional liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of 30,000 or more contracts per day in a month, and (2) has added liquidity in all securities through one or more of its Nasdaq Market Center MPIDs that represent 1.00% or more of Consolidated Volume in a month or qualifies for MARS (defined below)	\$0.48°

Options in a month.

Today, the Exchange pays a \$0.48 per contract rebate⁶ to Participants that add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.75% or more of total industry customer equity and ETF option ADV contracts per day in a month, or Participant adds: (1) Customer and/or Professional liquidity in Penny Pilot Options

6 Note "c," which is applicable to the Tier 8 rebate, provides additional rebates to Participants that execute certain volume on NOM. Participants that: (1) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non- Penny Pilot Options of 1.15% or more of total industry customer equity and ETF option ADV contracts per day in a month receive an additional \$0.02 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in that month; or (2) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of 1.30% or more of total industry customer equity and ETF option ADV contracts per day in a month receive an additional \$0.05 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in that month; or (3) (a) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.80% of total industry customer equity and ETF option ADV contracts per day in a month, (b) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Non-Penny Pilot Options above 0.15% of total industry customer equity and ETF option ADV contracts per day in a month, and (c) execute greater than 0.04% of Consolidated Volume ("CV") via Market-on-Close/Limit-on-Close ("MOC/LOC") volume within the NASDAQ Stock Market Closing Cross within a month receive an additional \$0.05 per contract Penny Pilot Options Customer and/or Professional

Consolidated Volume means the total consolidated volume reported to all consolidated transaction reporting plans by all exchanges and trade reporting facilities during a month in equity securities, excluding executed orders with a size of less than one round lot. For purposes of calculating Consolidated Volume and the extent of an equity member's trading activity, expressed as a percentage of or ratio to Consolidated Volume, the date of the annual reconstitution of the Russell Investments Indexes shall be excluded from both total Consolidated Volume and the member's trading activity. This note "c" is not being amended with this proposal.

Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot

and/or Non-Penny Pilot Options of 30,000 or more contracts per day in a month, and (2) has added liquidity in all securities through one or more of its Nasdaq Market Center MPIDs that represent 1.00% or more of Consolidated Volume in a month or qualifies for MARS. The Exchange is proposing to continue to pay a \$0.48 per contract rebate provided, NOM Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.75% or more of total industry customer equity and ETF option ADV contracts per day in a month, or Participant adds: (1) Customer and/or Professional liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of 0.25% or more of total industry customer equity and ETF option ADV contracts per day in a month, and (2) has added liquidity in all securities through one or more of its Nasdaq Market Center MPIDs that represent 1.00% or more of Consolidated Volume in a month or qualifies for MARS.

The Exchange's proposal to amend the current qualification from 30,000 or more contracts per day in a month to 0.25% or more of total industry customer equity and ETF option ADV contracts provides Participants the ability to qualify for this tier in lower industry ADV months because the percentage would be tied to the industry volume and not represent a fixed number. If the industry volume were to increase in a given month, the Participant will have greater opportunity to execute a higher number of contracts because the entire industry has more volume available to execute.

NOM Participants that have System Eligibility and have executed the requisite number of Eligible Contracts in a month are paid MARS rebates based on average daily volume in a month. See Chapter XV, Section 2(6).

For reference, in May 2016, 0.25% of total industry customer equity and ETF option ADV equated to approximately 28,000 contracts.

For example in May 2016, 0.25% of total industry customer equity and ETF option ADV contracts represented approximately 28,000 contracts as compared to the requisite 30,000 contracts which Tier 8 currently requires. Because volume was lower in the month of May 2016, market participants would have been better able to continue to meet the Tier 8 requirement with a percentage tied to volume as compared to a fixed number of contracts.

The Exchange also proposes to amend note "d," which applies to the Customer and Professional Penny Pilot Options Rebate to Add Liquidity tiers. Currently, note "d" provides that NOM Participants that qualify for MARS Payment Tiers⁹ 1, 2 or 3 will receive an additional \$0.05 per contract in addition to any Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity Tiers they may qualify for in that month, unless the Participant qualifies for a higher note "c" rebate, ¹⁰ in which case the

MARS Payments are currently based on a 3 tier rebate based on average daily volume ("ADV"). The Exchange pays a MARS Payment of \$0.07 for ADV of 2,500 Eligible Contracts. The Exchange pays a MARS Payment of \$0.09 for ADV of 5,000 Eligible Contracts. Finally, the Exchange pays a MARS Payment of \$0.11 for AVD of 10,000 Eligible Contracts. The MARS Payment is paid on all executed Eligible Contracts that add liquidity, which are routed to NOM through a participating NOM Participant's System and meet the requisite Eligible Contracts ADV. See Chapter XV, Section 2(6).

The note "c" incentive in Chapter XV, Section 2 provides that Participants that:

(1) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non- Penny Pilot Options of 1.15% or more of total industry customer equity and ETF option ADV contracts per day in a month will receive an additional \$0.02 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in that month; or (2) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of 1.30% or more of total industry customer equity and ETF option ADV contracts per day in a month will receive an additional \$0.05 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in that month; or (3) (a) add Customer, Professional, Firm,

Participants would receive the appropriate note "c" rebate they qualified for in that month.

The Exchange proposes to amend note "d" of Chapter XV, Section 2(1) to lower the additional rebate on Penny Pilot Options Customer and/or Professional Rebates to Add Liquidity from \$0.05 to \$0.03 per contract. The Exchange believes that despite lowering the additional incentive from \$0.05 to \$0.03 per contract, the note "d" incentive will continue to incentivize NOM Participants to participate in MARS and send qualifying order flow to the Exchange. The \$0.03 per contract incentive would continue to attract Penny Pilot Option liquidity to NOM. All market participants benefit from the increased order interaction when more order flow is available on NOM.

Pricing Change Number 2: Chapter XV, Section 2(6) – MARS Pricing

The Exchange currently offers a Market Access and Routing Subsidy or "MARS" to qualifying NOM Participants in Chapter XV, Section 2(6). NOM Participants that

Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.80% of total industry customer equity and ETF option ADV contracts per day in a month, (b) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Non-Penny Pilot Options above 0.15% of total industry customer equity and ETF option ADV contracts per day in a month, and (c) execute greater than 0.04% of Consolidated Volume ("CV") via Market-on-Close/Limit-on-Close ("MOC/LOC") volume within the NASDAQ Stock Market Closing Cross within a month will receive an additional \$0.05 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in a month. Consolidated Volume shall mean the total consolidated volume reported to all consolidated transaction reporting plans by all exchanges and trade reporting facilities during a month in equity securities, excluding executed orders with a size of less than one round lot. For purposes of calculating Consolidated Volume and the extent of an equity member's trading activity, expressed as a percentage of or ratio to Consolidated Volume, the date of the annual reconstitution of the Russell Investments Indexes shall be excluded from both total Consolidated Volume and the member's trading activity. NOM Participants that qualify for a note "c" incentive receive the greater of the note "c" or note "d" incentive

have System Eligibility¹¹ and have executed the requisite number of Eligible Contracts in a month are paid rebates based on average daily volume ("ADV") in a month. Today, MARS Payments are currently based on a 3 tier rebate based on ADV. The Exchange pays a MARS Payment of \$0.07 for ADV of 2,500 Eligible Contracts. The Exchange pays a MARS Payment of \$0.09 for ADV of 5,000 Eligible Contracts. Finally, the Exchange pays a MARS Payment of \$0.11 for ADV of 10,000 Eligible Contracts. The MARS Payment is paid on all executed Eligible Contracts that add liquidity, which are routed to NOM through a participating NOM Participant's System and meet the requisite Eligible Contracts ADV.

The Exchange proposes to provide an additional incentive to the MARS Payment in Chapter XV, Section 2(6) by offering NOM Participants that qualify for Customer or Professional Penny Pilot Options Rebate to Add Liquidity Tier 8¹² an additional \$0.09

To qualify for MARS, the Participant's routing system ("System") would be required to: (1) enable the electronic routing of orders to all of the U.S. options exchanges, including NOM; (2) provide current consolidated market data from the U.S. options exchanges; and (3) be capable of interfacing with NOM's API to access current NOM match engine functionality. Further, the Participant's System would also need to cause NOM to be the one of the top three default destination exchanges for individually executed marketable orders if NOM is at the national best bid or offer ("NBBO"), regardless of size or time, but allow any user to manually override NOM as a default destination on an order-by-order basis. Any NOM Participant would be permitted to avail itself of this arrangement, provided that its order routing functionality incorporates the features described above and satisfies NOM that it appears to be robust and reliable. The Participant remains solely responsible for implementing and operating its System. See Chapter XV, Section 2(6).

With the proposal herein, to be eligible for Tier 8, a Participant is required to add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.75% or more of total industry customer equity and ETF option ADV contracts per day in a month, or Participant adds: (1) Customer and/or Professional liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of 0.25% or more of total industry customer equity and ETF option ADV contracts per day in a month, and (2) has

per contract rebate applicable to MARS Payment tiers. This \$0.09 rebate would be in addition to any MARS Payment Tier¹³ on MARS Eligible Contracts that the NOM Participant qualifies for in a given month. This incentive is intended to encourage NOM Participants to continue to send more order flow to the Exchange in either Penny Pilot or Non-Penny Pilot Options to qualify for the Customer and Professional Penny Pilot Options Tier 8 rebate to earn the additional MARS Payment. All market participants benefit from the increased order interaction when more order flow is available on NOM.

<u>Pricing Change Number 3: Chapter XV, Section 2(1) – Penny Pilot Options</u> <u>Fee for Removing Liquidity</u>

The Exchange is proposing to amend note "4," which is currently reserved, to lower the Customer and Professional Penny Pilot Options Fees for Removing Liquidity from \$0.50¹⁴ to \$0.48 per contract, excluding SPY, ¹⁵ for NOM Participants that qualify for MARS Payment Tiers 1, 2 or 3.

The Exchange believes that offering NOM Participants the opportunity to lower the Customer and Professional Penny Pilot Options Fees for Removing Liquidity by qualifying for MARS Payment Tiers 1, 2 or 3 and transacting MARS Eligible

added liquidity in all securities through one or more of its Nasdaq Market Center MPIDs that represent 1.00% or more of Consolidated Volume in a month or qualifies for MARS.

See note 9 above.

Currently, the Customer and Professional Penny Pilot Options Fees for Removing Liquidity are \$0.50 per contract.

Note "3" of the Pricing Schedule offers Customers and Professionals that remove liquidity in SPY Options a lower Customer and Professional Penny Pilot Options Fees for Removing Liquidity of \$0.47 per contract.

Contracts ¹⁶, will incentivize NOM Participants to send more MARS Eligible Contracts to NOM. All market participants benefit from the increased order interaction when more order flow is available on NOM.

b. Statutory Basis

The Exchange believes that its proposal is consistent with Section 6(b) of the Act,¹⁷ in general, and furthers the objectives of Sections 6(b)(4) and 6(b)(5) of the Act,¹⁸ 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, and is not designed to permit unfair discrimination between customers, issuers, brokers, or dealers.

The Commission and the courts have repeatedly expressed their preference for competition over regulatory intervention in determining prices, products, and services in the securities markets. In Regulation NMS, while adopting a series of steps to improve the current market model, the Commission highlighted the importance of market forces in determining prices and SRO revenues and, also, recognized that current regulation of the market system "has been remarkably successful in promoting market competition in its broader forms that are most important to investors and listed companies." ¹⁹

MARS Eligible Contracts include electronic Firm, Non-NOM Market Maker, Broker-Dealer or Joint Back Office orders that add liquidity, excluding Mini Options. See Chapter XV, Section 2(6).

¹⁵ U.S.C. 78f(b).

¹⁸ 15 U.S.C. 78f(b)(4) and (5).

Securities Exchange Act Release No. 51808 (June 9, 2005), 70 FR 37496, 37499 (June 29, 2005) ("Regulation NMS Adopting Release").

Likewise, in NetCoalition v. Securities and Exchange Commission²⁰ ("NetCoalition") the D.C. Circuit upheld the Commission's use of a market-based approach in evaluating the fairness of market data fees against a challenge claiming that Congress mandated a cost-based approach.²¹ As the court emphasized, the Commission "intended in Regulation NMS that 'market forces, rather than regulatory requirements' play a role in determining the market data . . . to be made available to investors and at what cost."²²

Further, "[n]o one disputes that competition for order flow is 'fierce.' ... As the SEC explained, '[i]n the U.S. national market system, buyers and sellers of securities, and the broker-dealers that act as their order-routing agents, have a wide range of choices of where to route orders for execution'; [and] 'no exchange can afford to take its market share percentages for granted' because 'no exchange possesses a monopoly, regulatory or otherwise, in the execution of order flow from broker dealers'...." Although the court and the SEC were discussing the cash equities markets, the Exchange believes that these views apply with equal force to the options markets.

Pricing Change Number 1: Chapter XV, Section 2(1) - Customer and Professional Penny Pilot Options Rebate to Add Liquidity

The Exchange's proposal to amend the current qualifications related to the Tier 8

Customer and Professional Penny Pilot Options Rebate to Add Liquidity is reasonable

NetCoalition v. SEC, 615 F.3d 525 (D.C. Cir. 2010).

See NetCoalition, at 534 - 535.

^{22 &}lt;u>Id.</u> at 537.

Id. at 539 (quoting Securities Exchange Act Release No. 59039 (December 2, 2008), 73 FR 74770, 74782-83 (December 9, 2008) (SR-NYSEArca-2006-21)).

because the rebate should continue to attract Customer and Professional order flow to NOM. The additional Customer and Professional order flow to NOM benefits other market participants by providing additional liquidity with which to interact. Amending the current qualification from 30,000 or more contracts per day in a month to 0.25% or more of total industry customer equity and ETF option ADV contracts provides Participants the ability to qualify for this tier in months with lower industry ADV because the required number of contracts would be directly correlated to industry volume. With this proposal, members that consistently send order flow to the Exchange may continue to qualify for Tier 8 rebates. The Exchange's proposal to amend the current qualification from 30,000 or more contracts per day in a month to 0.25% or more of total industry customer equity and ETF option ADV contracts provides Participants the ability to qualify for this tier in lower industry ADV months because the percentage would be tied to the industry volume and not represent a fixed number. If the industry volume were to increase in a given month the Participant will have greater opportunity to execute a higher number of contracts because the entire industry has more volume available to execute. The Exchange notes that utilizing a percentage as compared to a fixed number is not novel. Today, NOM Customer and Professional Penny Pilot Options Tiers 1 through 5 utilize a percentage of total industry customer equity and ETF option ADV contracts per day in a month.²⁴

The Exchange's proposal to amend the current qualifications related to the Tier 8 Customer and Professional Penny Pilot Options Rebate to Add Liquidity is equitable and

See Chapter XV, Section 2(1).

not unfairly discriminatory because all Participants are eligible to earn rebates. These rebates would be uniformly paid to all qualifying Participants.

The Exchange's proposal to amend note "d," which applies to any Customer and Professional Penny Pilot Options Rebates to Add Liquidity tier, to lower the per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity incentive from \$0.05 to \$0.03 per contract is reasonable as discussed hereafter. Despite lowering the incentive, the reduced rebate would continue to attract Penny Pilot Options liquidity to NOM and also would continue to incentivize market participants to participate in MARS. All market participants benefit from the increased order interaction when more order flow is available on NOM.

The Exchange's proposal to amend note "d," which applies to the additional Customer and Professional Penny Pilot Options Rebate to Add Liquidity tiers, to lower the additional per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity incentive from \$0.05 to \$0.03 per contract, is equitable and not unfairly discriminatory because all Participants are eligible to earn rebates and the rebates would be uniformly paid to all qualifying Participants. In addition, any Participant may qualify for MARS provided they have the requisite System Eligibility.

Pricing Change Number 2: Chapter XV, Section 2(6) – MARS Pricing

The Exchange's proposal to amend the MARS Payment to offer NOM

Participants that qualify for Customer or Professional Penny Pilot Options Rebate to Add

Liquidity Tier 8 an additional \$0.09 per contract rebate in addition to any MARS

Payment tier on MARS Eligible Contracts the NOM Participant qualifies for in a given

month is reasonable because it will encourage NOM Participants to continue to send

more order flow to the Exchange in either Penny Pilot or Non-Penny Pilot Options to

qualify for the higher MARS Payment. All market participants benefit from the increased order interaction when more order flow is available on NOM.

The Exchange's proposal to amend the MARS Payment to offer NOM

Participants that qualify for Customer or Professional Penny Pilot Options Rebate to Add

Liquidity Tier 8 an additional \$0.09 per contract rebate in addition to any MARS

Payment tier on MARS Eligible Contracts the NOM Participant qualifies for in a given

month is equitable and not unfairly discriminatory because any Participant may qualify

for MARS provided they have the requisite System Eligibility. The Exchange will also

uniformly pay MARS rebates to qualifying Participants on all MARS Eligible Contracts.

<u>Pricing Change Number 3: Chapter XV, Section 2(1) – Penny Pilot Options</u> <u>Fee for Removing Liquidity</u>

The Exchange's proposal to amend note "4" to lower the Customer and Professional Penny Pilot Options Fees for Removing Liquidity from \$0.50 to \$0.48 per contract, excluding SPY, provided NOM Participants qualify for MARS Payment Tiers 1, 2 or 3 is reasonable for the reasons which follow. NOM Participants will be encouraged to send additional electronic MARS Eligible Contracts²⁵ to NOM to obtain the fee reduction. This should in turn incentivize NOM Participants to send more order flow to NOM. All market participants benefit from the increased order interaction when more order flow is available on NOM. Excluding SPY from the note "4" discount is reasonable because SPY options are among the most highly liquid options. Today, the Exchange prices SPY differently from other Multiply-Listed Options.²⁶ Other options

See note 16 above.

See current note "3" at Chapter XV, Section 2(1).

exchanges price differently by options symbol.²⁷

The Exchange's proposal to amend note "4" to lower the Customer and Professional Penny Pilot Options Fees for Removing Liquidity from \$0.50 to \$0.48 per contract, excluding SPY, provided NOM Participants qualify for MARS Payment Tiers 1, 2 or 3 is equitable and not unfairly discriminatory because all Participants may qualify for MARS provided they have the requisite System Eligibility. The Exchange will also uniformly assess the discounted Customer and Professional Penny Pilot Options Fees for Removing Liquidity to qualifying Participants. Excluding SPY from the note "4" discount is equitable and not unfairly discriminatory because the Exchange pays discounts today for SPY options transactions. Today, note "3" of Chapter XV, Section 2(1) assesses Customers and Professionals that remove liquidity in SPY Options a \$0.47 per contract discounted Customer and Professional Penny Pilot Options Fees for Removing Liquidity. Both notes "3" and "4" of Chapter XV, Section 2(1) are paid uniformly to all qualifying Participants.

4. <u>Self-Regulatory Organization's Statement on Burden on Competition</u>

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

^{27 &}lt;u>See NASDAQ PHLX LLC's ("Phlx") Pricing Schedule at Section I which contains pricing for options overlying SPY that is different from other Multiply Listed Options pricing in Section II of that Pricing Schedule.</u>

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.

The proposed fee changes are competitive and do not impose a burden on intermarket competition. Today, other venues offer rebate programs, discounted fees and incentives for maintain routing systems. ²⁸ In sum, if the changes proposed herein are unattractive to market participants, it is likely that the Exchange will lose market share as a result. 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.

Pricing Change Number 1: Chapter XV, Section 2(1) - Customer and Professional Penny Pilot Options Rebate to Add Liquidity

The Exchange's proposal to amend the current qualifications related to the Tier 8

Customer and Professional Penny Pilot Options Rebate to Add Liquidity does not impose an undue burden on intra-market competition because all Participants are eligible to earn rebates and these rebates would be uniformly paid to all qualifying Participants.

The Exchange's proposal to amend note "d," which applies to the Customer and Professional Penny Pilot Options Rebate to Add Liquidity tiers, to lower the additional

See Phlx's Pricing Schedule at Section B (Customer Rebate Program) and Section IV, Part E (MARS). Also, the International Securities Exchange LLC ("ISE") offers a lower Market Maker Taker Fee for Select Symbols of \$0.44 per contract for Market Makers with total affiliated Priority Customer Complex ADV of 150,000 or more contracts. See ISE's Fee Schedule.

amount of the per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity from \$0.05 to \$0.03 per contract does not impose an undue burden on intra-market competition because all Participants are eligible to earn rebates and these rebates would be uniformly paid to all qualifying Participants. In addition, any Participant may qualify for MARS provided they have the requisite System Eligibility.

Pricing Change Number 2: Chapter XV, Section 2(6) – MARS Pricing

The Exchange's proposal to amend the MARS Payment to offer NOM

Participants that qualify for Customer or Professional Penny Pilot Options Rebate to Add

Liquidity Tier 8 an additional \$0.09 per contract rebate, in addition to any MARS

Payment tier on MARS Eligible Contracts the NOM Participant qualifies for in a given

month, does not impose an undue burden on intra-market competition because any

Participant may qualify for MARS provided they have the requisite System Eligibility.

The Exchange will also uniformly pay MARS Payments to qualifying Participants on all

Eligible Contracts.

<u>Pricing Change Number 3: Chapter XV, Section 2(1) – Penny Pilot Options</u> <u>Fee for Removing Liquidity</u>

The Exchange's proposal to amend note "4" to lower the Customer and Professional Penny Pilot Options Fees for Removing Liquidity from \$0.50 to \$0.48 per contract, excluding SPY, provided NOM Participants qualify for MARS Payment Tiers 1, 2 or 3 does not impose an undue burden on intra-market competition because all Participants may qualify for MARS provided they have the requisite System Eligibility. The Exchange will also uniformly assess the discounted Customer and Professional Penny Pilot Options Fees for Removing Liquidity to qualifying Participants. Excluding SPY does not impose an undue burden on intra-market competition because today, the

Exchange offers a discount for SPY options, which discounts are uniformly paid to all Participants. Today, other options exchanges price differently by options symbol.²⁹

- 5. <u>Self-Regulatory Organization's Statement on Comments on the Proposed Rule Change Received from Members, Participants, or Others</u>
 - No written comments were either solicited or received.
- 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,³⁰ 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.

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. <u>Proposed Rule Change Based on Rules of Another Self-Regulatory Organization or of the Commission</u>

The proposed rule change is not based on the rules of another self-regulatory organization or of the Commission.

²⁹ <u>See</u> note 27.

³⁰ 15 U.S.C. 78s(b)(3)(A)(ii).

- Security-Based Swap Submissions Filed Pursuant to Section 3C of the Act
 Not applicable.
- 10. Advance Notices Filed Pursuant to Section 806(e) of the Payment, Clearing and Settlement Supervision Act

Not applicable.

11. Exhibits

- 1. Notice of Proposed Rule Change for publication in the <u>Federal Register</u>.
- 5. Text of the proposed rule change.

EXHIBIT 1

SECURITIES AND EXCHANGE COMMISSION (Release No. ; File No. SR-NASDAQ-2016-100)

July ___, 2016

Self-Regulatory Organizations; The NASDAQ Stock Market LLC; Notice of Filing and Immediate Effectiveness of Proposed Rule Change to Modify NASDAQ Options Market LLC Pricing at Chapter XV

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 ("Act")¹, and Rule 19b-4 thereunder,² notice is hereby given that on July 12, 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. <u>Self-Regulatory Organization's Statement of the Terms of Substance of the Proposed Rule Change</u>

The Exchange proposes to modify the NASDAQ Options Market LLC's ("NOM") pricing at Chapter XV, Sections 2(1) and 2(6) to: (i) amend Customer³ and Professional⁴ Penny Pilot Options⁵ Rebate to Add Liquidity tiers; (ii) amend the

² 17 CFR 240.19b-4.

¹ 15 U.S.C. 78s(b)(1).

The term "Customer" or ("C") applies to any transaction that is identified by a Participant for clearing in the Customer range at The Options Clearing Corporation which is not for the account of broker or dealer or for the account of a "Professional." See Chapter XV.

The term "Professional" or ("P") means any person or entity that (i) is not a broker or dealer in securities, and (ii) places more than 390 orders in listed

Customer and Professional Penny Pilot Options Fee for Removing Liquidity; and (iii) amend the Market Access and Routing Subsidy or "MARS."

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.

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

The Exchange proposes three NOM pricing amendments at Chapter XV as described below in greater detail.

options per day on average during a calendar month for its own beneficial account(s) pursuant to Chapter I, Section 1(a)(48). All Professional orders shall be appropriately marked by Participants.

The Penny Pilot was established in March 2008 and was last extended in 2016.

See Securities Exchange Act Release Nos. 57579 (March 28, 2008), 73 FR 18587 (April 4, 2008) (SR-NASDAQ-2008-026) (notice of filing and immediate effectiveness establishing Penny Pilot); and 78037 (June 10, 2016), 81 FR 39299 (June 16, 2016) (SR-NASDAQ-2016-052) (notice of filing and immediate effectiveness extending the Penny Pilot through December 31, 2016). All Penny Pilot Options listed on the Exchange can be found at http://www.nasdaqtrader.com/MicroNews.aspx?id=OTA2016-15

Rebate to

<u>Pricing Change Number 1: Chapter XV, Section 2(1) - Customer and Professional Penny Pilot Options Rebate to Add Liquidity</u>

The Exchange proposes to amend the Customer and Professional Penny Pilot Options Rebate to Add Liquidity tiers. Specifically, the Exchange proposes to amend the current qualifications related to the Tier 8 Customer and Professional Penny Pilot Options rebate. The proposed new Tier 8 qualifications should continue to attract Customer and Professional order flow to NOM. This order flow benefits other market participants through order interaction.

Today, the Exchange pays Customer and Professional Penny Pilot Options Rebates to Add Liquidity as follows:

Monthly Volume		
1	Participant adds Customer, Professional, Firm, Non-NOM Market	
	Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or	
	Non-Penny Pilot Options of up to 0.10% of total industry customer	
	equity and ETF option average daily volume ("ADV") contracts per	
	day in a month	
	Participant adds Customer, Professional, Firm, Non-NOM Market	\$0.25
	Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or	
	Non-Penny Pilot Options above 0.10% to 0.20% of total industry	
	customer equity and ETF option ADV contracts per day in a month	
Tier 3	Participant adds Customer, Professional, Firm, Non-NOM Market	\$0.42
	Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or	

Non-Penny Pilot Options above 0.20% to 0.30% of total industry customer equity and ETF option ADV contracts per day in a month

Tier Participant adds Customer, Professional, Firm, Non-NOM Market
 Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or
 Non-Penny Pilot Options above 0.30% to 0.40% of total industry
 customer equity and ETF option ADV contracts per day in a month

Tier Participant adds Customer, Professional, Firm, Non-NOM Market

5

Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or
Non-Penny Pilot Options above 0.40% to 0.75% of total industry

customer equity and ETF option ADV contracts per day in a month

Tier Participant has Total Volume of 100,000 or more contracts per day in \$0.45 **6** b a month, of which 25,000 or more contracts per day in a month must be Customer and/or Professional liquidity in Penny Pilot Options

Tier Participant has Total Volume of 150,000 or more contracts per day in \$0.47
 7 b

 a month, of which 50,000 or more contracts per day in a month must
 be Customer and/or Professional liquidity in Penny Pilot Options

Tier Participant adds Customer, Professional, Firm, Non-NOM Market

8

Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or

Non-Penny Pilot Options above 0.75% or more of total industry

customer equity and ETF option ADV contracts per day in a month,

or Participant adds: (1) Customer and/or Professional liquidity in

Penny Pilot Options and/or Non-Penny Pilot Options of 30,000 or

more contracts per day in a month, and (2) has added liquidity in all securities through one or more of its Nasdaq Market Center MPIDs that represent 1.00% or more of Consolidated Volume in a month or qualifies for MARS (defined below)

Today, the Exchange pays a \$0.48 per contract rebate⁶ to Participants that add

6 Note "c," which is applicable to the Tier 8 rebate, provides additional rebates to Participants that execute certain volume on NOM. Participants that: (1) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non- Penny Pilot Options of 1.15% or more of total industry customer equity and ETF option ADV contracts per day in a month receive an additional \$0.02 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in that month; or (2) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of 1.30% or more of total industry customer equity and ETF option ADV contracts per day in a month receive an additional \$0.05 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in that month; or (3) (a) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.80% of total industry customer equity and ETF option ADV contracts per day in a month, (b) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Non-Penny Pilot Options above 0.15% of total industry customer equity and ETF option ADV contracts per day in a month, and (c) execute greater than 0.04% of Consolidated Volume ("CV") via Market-on-Close/Limit-on-Close ("MOC/LOC") volume within the NASDAQ Stock Market Closing Cross within a month receive an additional \$0.05 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in a month.

Consolidated Volume means the total consolidated volume reported to all consolidated transaction reporting plans by all exchanges and trade reporting facilities during a month in equity securities, excluding executed orders with a size of less than one round lot. For purposes of calculating Consolidated Volume and the extent of an equity member's trading activity, expressed as a percentage of or ratio to Consolidated Volume, the date of the annual reconstitution of the Russell Investments Indexes shall be excluded from both total Consolidated

Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.75% or more of total industry customer equity and ETF option ADV contracts per day in a month, or Participant adds: (1) Customer and/or Professional liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of 30,000 or more contracts per day in a month, and (2) has added liquidity in all securities through one or more of its Nasdaq Market Center MPIDs that represent 1.00% or more of Consolidated Volume in a month or qualifies for MARS.⁷ The Exchange is proposing to continue to pay a \$0.48 per contract rebate provided, NOM Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.75% or more of total industry customer equity and ETF option ADV contracts per day in a month, or Participant adds: (1) Customer and/or Professional liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of 0.25% or more of total industry customer equity and ETF option ADV contracts per day in a month, 8 and (2) has added liquidity in all securities through one or more of its Nasdaq Market Center MPIDs that represent 1.00% or more of Consolidated Volume in a month or qualifies for MARS.

The Exchange's proposal to amend the current qualification from 30,000 or more contracts per day in a month to 0.25% or more of total industry customer equity and ETF

Volume and the member's trading activity. This note "c" is not being amended with this proposal.

NOM Participants that have System Eligibility and have executed the requisite number of Eligible Contracts in a month are paid MARS rebates based on average daily volume in a month. See Chapter XV, Section 2(6).

For reference, in May 2016, 0.25% of total industry customer equity and ETF option ADV equated to approximately 28,000 contracts.

option ADV contracts provides Participants the ability to qualify for this tier in lower industry ADV months because the percentage would be tied to the industry volume and not represent a fixed number. If the industry volume were to increase in a given month, the Participant will have greater opportunity to execute a higher number of contracts because the entire industry has more volume available to execute.

For example in May 2016, 0.25% of total industry customer equity and ETF option ADV contracts represented approximately 28,000 contracts as compared to the requisite 30,000 contracts which Tier 8 currently requires. Because volume was lower in the month of May 2016, market participants would have been better able to continue to meet the Tier 8 requirement with a percentage tied to volume as compared to a fixed number of contracts.

The Exchange also proposes to amend note "d," which applies to the Customer and Professional Penny Pilot Options Rebate to Add Liquidity tiers. Currently, note "d" provides that NOM Participants that qualify for MARS Payment Tiers⁹ 1, 2 or 3 will receive an additional \$0.05 per contract in addition to any Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity Tiers they may qualify for in that month, unless the Participant qualifies for a higher note "c" rebate, ¹⁰ in which case the

MARS Payments are currently based on a 3 tier rebate based on average daily volume ("ADV"). The Exchange pays a MARS Payment of \$0.07 for ADV of 2,500 Eligible Contracts. The Exchange pays a MARS Payment of \$0.09 for ADV of 5,000 Eligible Contracts. Finally, the Exchange pays a MARS Payment of \$0.11 for AVD of 10,000 Eligible Contracts. The MARS Payment is paid on all executed Eligible Contracts that add liquidity, which are routed to NOM through a participating NOM Participant's System and meet the requisite Eligible Contracts ADV. See Chapter XV, Section 2(6).

The note "c" incentive in Chapter XV, Section 2 provides that Participants that: (1) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non- Penny Pilot Options of 1.15%

Participants would receive the appropriate note "c" rebate they qualified for in that month.

The Exchange proposes to amend note "d" of Chapter XV, Section 2(1) to lower the additional rebate on Penny Pilot Options Customer and/or Professional Rebates to Add Liquidity from \$0.05 to \$0.03 per contract. The Exchange believes that despite lowering the additional incentive from \$0.05 to \$0.03 per contract, the note "d" incentive will continue to incentivize NOM Participants to participate in MARS and send qualifying order flow to the Exchange. The \$0.03 per contract incentive would continue

or more of total industry customer equity and ETF option ADV contracts per day in a month will receive an additional \$0.02 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in that month; or (2) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of 1.30% or more of total industry customer equity and ETF option ADV contracts per day in a month will receive an additional \$0.05 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in that month; or (3) (a) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.80% of total industry customer equity and ETF option ADV contracts per day in a month, (b) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Non-Penny Pilot Options above 0.15% of total industry customer equity and ETF option ADV contracts per day in a month, and (c) execute greater than 0.04% of Consolidated Volume ("CV") via Market-on-Close/Limit-on-Close ("MOC/LOC") volume within the NASDAQ Stock Market Closing Cross within a month will receive an additional \$0.05 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in a month. Consolidated Volume shall mean the total consolidated volume reported to all consolidated transaction reporting plans by all exchanges and trade reporting facilities during a month in equity securities, excluding executed orders with a size of less than one round lot. For purposes of calculating Consolidated Volume and the extent of an equity member's trading activity, expressed as a percentage of or ratio to Consolidated Volume, the date of the annual reconstitution of the Russell Investments Indexes shall be excluded from both total Consolidated Volume and the member's trading activity. NOM Participants that qualify for a note "c" incentive receive the greater of the note "c" or note "d" incentive

to attract Penny Pilot Option liquidity to NOM. All market participants benefit from the increased order interaction when more order flow is available on NOM.

Pricing Change Number 2: Chapter XV, Section 2(6) – MARS Pricing

The Exchange currently offers a Market Access and Routing Subsidy or "MARS" to qualifying NOM Participants in Chapter XV, Section 2(6). NOM Participants that have System Eligibility¹¹ and have executed the requisite number of Eligible Contracts in a month are paid rebates based on average daily volume ("ADV") in a month. Today, MARS Payments are currently based on a 3 tier rebate based on ADV. The Exchange pays a MARS Payment of \$0.07 for ADV of 2,500 Eligible Contracts. The Exchange pays a MARS Payment of \$0.09 for ADV of 5,000 Eligible Contracts. Finally, the Exchange pays a MARS Payment of \$0.11 for ADV of 10,000 Eligible Contracts. The MARS Payment is paid on all executed Eligible Contracts that add liquidity, which are routed to NOM through a participating NOM Participant's System and meet the requisite Eligible Contracts ADV.

The Exchange proposes to provide an additional incentive to the MARS Payment in Chapter XV, Section 2(6) by offering NOM Participants that qualify for Customer or

To qualify for MARS, the Participant's routing system ("System") would be required to: (1) enable the electronic routing of orders to all of the U.S. options exchanges, including NOM; (2) provide current consolidated market data from the U.S. options exchanges; and (3) be capable of interfacing with NOM's API to access current NOM match engine functionality. Further, the Participant's System would also need to cause NOM to be the one of the top three default destination exchanges for individually executed marketable orders if NOM is at the national best bid or offer ("NBBO"), regardless of size or time, but allow any user to manually override NOM as a default destination on an order-by-order basis. Any NOM Participant would be permitted to avail itself of this arrangement, provided that its order routing functionality incorporates the features described above and satisfies NOM that it appears to be robust and reliable. The Participant remains solely responsible for implementing and operating its System. See Chapter XV, Section 2(6).

Professional Penny Pilot Options Rebate to Add Liquidity Tier 8¹² an additional \$0.09 per contract rebate applicable to MARS Payment tiers. This \$0.09 rebate would be in addition to any MARS Payment Tier¹³ on MARS Eligible Contracts that the NOM Participant qualifies for in a given month. This incentive is intended to encourage NOM Participants to continue to send more order flow to the Exchange in either Penny Pilot or Non-Penny Pilot Options to qualify for the Customer and Professional Penny Pilot Options Tier 8 rebate to earn the additional MARS Payment. All market participants benefit from the increased order interaction when more order flow is available on NOM.

<u>Pricing Change Number 3: Chapter XV, Section 2(1) – Penny Pilot Options</u> <u>Fee for Removing Liquidity</u>

The Exchange is proposing to amend note "4," which is currently reserved, to lower the Customer and Professional Penny Pilot Options Fees for Removing Liquidity from \$0.50¹⁴ to \$0.48 per contract, excluding SPY, ¹⁵ for NOM Participants that qualify for MARS Payment Tiers 1, 2 or 3.

With the proposal herein, to be eligible for Tier 8, a Participant is required to add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.75% or more of total industry customer equity and ETF option ADV contracts per day in a month, or Participant adds: (1) Customer and/or Professional liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of 0.25% or more of total industry customer equity and ETF option ADV contracts per day in a month, and (2) has added liquidity in all securities through one or more of its Nasdaq Market Center MPIDs that represent 1.00% or more of Consolidated Volume in a month or qualifies for MARS.

See note 9 above.

Currently, the Customer and Professional Penny Pilot Options Fees for Removing Liquidity are \$0.50 per contract.

Note "3" of the Pricing Schedule offers Customers and Professionals that remove liquidity in SPY Options a lower Customer and Professional Penny Pilot Options Fees for Removing Liquidity of \$0.47 per contract.

The Exchange believes that offering NOM Participants the opportunity to lower the Customer and Professional Penny Pilot Options Fees for Removing Liquidity by qualifying for MARS Payment Tiers 1, 2 or 3 and transacting MARS Eligible Contracts ¹⁶, will incentivize NOM Participants to send more MARS Eligible Contracts to NOM. All market participants benefit from the increased order interaction when more order flow is available on NOM.

2. Statutory Basis

The Exchange believes that its proposal is consistent with Section 6(b) of the Act, ¹⁷ in general, and furthers the objectives of Sections 6(b)(4) and 6(b)(5) of the Act, ¹⁸ 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, and is not designed to permit unfair discrimination between customers, issuers, brokers, or dealers.

The Commission and the courts have repeatedly expressed their preference for competition over regulatory intervention in determining prices, products, and services in the securities markets. In Regulation NMS, while adopting a series of steps to improve the current market model, the Commission highlighted the importance of market forces in determining prices and SRO revenues and, also, recognized that current regulation of the

MARS Eligible Contracts include electronic Firm, Non-NOM Market Maker, Broker-Dealer or Joint Back Office orders that add liquidity, excluding Mini Options. See Chapter XV, Section 2(6).

¹⁵ U.S.C. 78f(b).

¹⁸ 15 U.S.C. 78f(b)(4) and (5).

market system "has been remarkably successful in promoting market competition in its broader forms that are most important to investors and listed companies." ¹⁹

Likewise, in NetCoalition v. Securities and Exchange Commission²⁰ ("NetCoalition") the D.C. Circuit upheld the Commission's use of a market-based approach in evaluating the fairness of market data fees against a challenge claiming that Congress mandated a cost-based approach.²¹ As the court emphasized, the Commission "intended in Regulation NMS that 'market forces, rather than regulatory requirements' play a role in determining the market data . . . to be made available to investors and at what cost."²²

Further, "[n]o one disputes that competition for order flow is 'fierce.' ... As the SEC explained, '[i]n the U.S. national market system, buyers and sellers of securities, and the broker-dealers that act as their order-routing agents, have a wide range of choices of where to route orders for execution'; [and] 'no exchange can afford to take its market share percentages for granted' because 'no exchange possesses a monopoly, regulatory or otherwise, in the execution of order flow from broker dealers'...."²³ Although the court and the SEC were discussing the cash equities markets, the Exchange believes that these views apply with equal force to the options markets.

Securities Exchange Act Release No. 51808 (June 9, 2005), 70 FR 37496, 37499 (June 29, 2005) ("Regulation NMS Adopting Release").

NetCoalition v. SEC, 615 F.3d 525 (D.C. Cir. 2010).

See NetCoalition, at 534 - 535.

²² Id. at 537.

Id. at 539 (quoting Securities Exchange Act Release No. 59039 (December 2, 2008), 73 FR 74770, 74782-83 (December 9, 2008) (SR-NYSEArca-2006-21)).

<u>Pricing Change Number 1: Chapter XV, Section 2(1) - Customer and</u> Professional Penny Pilot Options Rebate to Add Liquidity

The Exchange's proposal to amend the current qualifications related to the Tier 8 Customer and Professional Penny Pilot Options Rebate to Add Liquidity is reasonable because the rebate should continue to attract Customer and Professional order flow to NOM. The additional Customer and Professional order flow to NOM benefits other market participants by providing additional liquidity with which to interact. Amending the current qualification from 30,000 or more contracts per day in a month to 0.25% or more of total industry customer equity and ETF option ADV contracts provides Participants the ability to qualify for this tier in months with lower industry ADV because the required number of contracts would be directly correlated to industry volume. With this proposal, members that consistently send order flow to the Exchange may continue to qualify for Tier 8 rebates. The Exchange's proposal to amend the current qualification from 30,000 or more contracts per day in a month to 0.25% or more of total industry customer equity and ETF option ADV contracts provides Participants the ability to qualify for this tier in lower industry ADV months because the percentage would be tied to the industry volume and not represent a fixed number. If the industry volume were to increase in a given month the Participant will have greater opportunity to execute a higher number of contracts because the entire industry has more volume available to execute. The Exchange notes that utilizing a percentage as compared to a fixed number is not novel. Today, NOM Customer and Professional Penny Pilot Options Tiers 1 through 5 utilize a percentage of total industry customer equity and ETF option ADV contracts per day in a month.²⁴

See Chapter XV, Section 2(1).

The Exchange's proposal to amend the current qualifications related to the Tier 8 Customer and Professional Penny Pilot Options Rebate to Add Liquidity is equitable and not unfairly discriminatory because all Participants are eligible to earn rebates. These rebates would be uniformly paid to all qualifying Participants.

The Exchange's proposal to amend note "d," which applies to any Customer and Professional Penny Pilot Options Rebates to Add Liquidity tier, to lower the per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity incentive from \$0.05 to \$0.03 per contract is reasonable as discussed hereafter. Despite lowering the incentive, the reduced rebate would continue to attract Penny Pilot Options liquidity to NOM and also would continue to incentivize market participants to participate in MARS. All market participants benefit from the increased order interaction when more order flow is available on NOM.

The Exchange's proposal to amend note "d," which applies to the additional Customer and Professional Penny Pilot Options Rebate to Add Liquidity tiers, to lower the additional per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity incentive from \$0.05 to \$0.03 per contract, is equitable and not unfairly discriminatory because all Participants are eligible to earn rebates and the rebates would be uniformly paid to all qualifying Participants. In addition, any Participant may qualify for MARS provided they have the requisite System Eligibility.

Pricing Change Number 2: Chapter XV, Section 2(6) – MARS Pricing

The Exchange's proposal to amend the MARS Payment to offer NOM

Participants that qualify for Customer or Professional Penny Pilot Options Rebate to Add

Liquidity Tier 8 an additional \$0.09 per contract rebate in addition to any MARS

Payment tier on MARS Eligible Contracts the NOM Participant qualifies for in a given

month is reasonable because it will encourage NOM Participants to continue to send more order flow to the Exchange in either Penny Pilot or Non-Penny Pilot Options to qualify for the higher MARS Payment. All market participants benefit from the increased order interaction when more order flow is available on NOM.

The Exchange's proposal to amend the MARS Payment to offer NOM

Participants that qualify for Customer or Professional Penny Pilot Options Rebate to Add

Liquidity Tier 8 an additional \$0.09 per contract rebate in addition to any MARS

Payment tier on MARS Eligible Contracts the NOM Participant qualifies for in a given

month is equitable and not unfairly discriminatory because any Participant may qualify

for MARS provided they have the requisite System Eligibility. The Exchange will also

uniformly pay MARS rebates to qualifying Participants on all MARS Eligible Contracts.

<u>Pricing Change Number 3: Chapter XV, Section 2(1) – Penny Pilot Options</u> <u>Fee for Removing Liquidity</u>

The Exchange's proposal to amend note "4" to lower the Customer and Professional Penny Pilot Options Fees for Removing Liquidity from \$0.50 to \$0.48 per contract, excluding SPY, provided NOM Participants qualify for MARS Payment Tiers 1, 2 or 3 is reasonable for the reasons which follow. NOM Participants will be encouraged to send additional electronic MARS Eligible Contracts²⁵ to NOM to obtain the fee reduction. This should in turn incentivize NOM Participants to send more order flow to NOM. All market participants benefit from the increased order interaction when more order flow is available on NOM. Excluding SPY from the note "4" discount is reasonable because SPY options are among the most highly liquid options. Today, the

See note 16 above.

Exchange prices SPY differently from other Multiply-Listed Options.²⁶ Other options exchanges price differently by options symbol.²⁷

The Exchange's proposal to amend note "4" to lower the Customer and Professional Penny Pilot Options Fees for Removing Liquidity from \$0.50 to \$0.48 per contract, excluding SPY, provided NOM Participants qualify for MARS Payment Tiers 1, 2 or 3 is equitable and not unfairly discriminatory because all Participants may qualify for MARS provided they have the requisite System Eligibility. The Exchange will also uniformly assess the discounted Customer and Professional Penny Pilot Options Fees for Removing Liquidity to qualifying Participants. Excluding SPY from the note "4" discount is equitable and not unfairly discriminatory because the Exchange pays discounts today for SPY options transactions. Today, note "3" of Chapter XV, Section 2(1) assesses Customers and Professionals that remove liquidity in SPY Options a \$0.47 per contract discounted Customer and Professional Penny Pilot Options Fees for Removing Liquidity. Both notes "3" and "4" of Chapter XV, Section 2(1) are paid uniformly to all qualifying Participants.

B. <u>Self-Regulatory Organization</u>'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

See current note "3" at Chapter XV, Section 2(1).

See NASDAQ PHLX LLC's ("Phlx") Pricing Schedule at Section I which contains pricing for options overlying SPY that is different from other Multiply Listed Options pricing in Section II of that Pricing Schedule.

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.

The proposed fee changes are competitive and do not impose a burden on intermarket competition. Today, other venues offer rebate programs, discounted fees and incentives for maintain routing systems. ²⁸ In sum, if the changes proposed herein are unattractive to market participants, it is likely that the Exchange will lose market share as a result. 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.

Pricing Change Number 1: Chapter XV, Section 2(1) - Customer and Professional Penny Pilot Options Rebate to Add Liquidity

The Exchange's proposal to amend the current qualifications related to the Tier 8

Customer and Professional Penny Pilot Options Rebate to Add Liquidity does not impose an undue burden on intra-market competition because all Participants are eligible to earn rebates and these rebates would be uniformly paid to all qualifying Participants.

See Phlx's Pricing Schedule at Section B (Customer Rebate Program) and Section IV, Part E (MARS). Also, the International Securities Exchange LLC ("ISE") offers a lower Market Maker Taker Fee for Select Symbols of \$0.44 per contract for Market Makers with total affiliated Priority Customer Complex ADV of 150,000 or more contracts. See ISE's Fee Schedule.

The Exchange's proposal to amend note "d," which applies to the Customer and Professional Penny Pilot Options Rebate to Add Liquidity tiers, to lower the additional amount of the per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity from \$0.05 to \$0.03 per contract does not impose an undue burden on intra-market competition because all Participants are eligible to earn rebates and these rebates would be uniformly paid to all qualifying Participants. In addition, any Participant may qualify for MARS provided they have the requisite System Eligibility.

Pricing Change Number 2: Chapter XV, Section 2(6) – MARS Pricing

The Exchange's proposal to amend the MARS Payment to offer NOM

Participants that qualify for Customer or Professional Penny Pilot Options Rebate to Add

Liquidity Tier 8 an additional \$0.09 per contract rebate, in addition to any MARS

Payment tier on MARS Eligible Contracts the NOM Participant qualifies for in a given

month, does not impose an undue burden on intra-market competition because any

Participant may qualify for MARS provided they have the requisite System Eligibility.

The Exchange will also uniformly pay MARS Payments to qualifying Participants on all

Eligible Contracts.

<u>Pricing Change Number 3: Chapter XV, Section 2(1) – Penny Pilot Options</u> <u>Fee for Removing Liquidity</u>

The Exchange's proposal to amend note "4" to lower the Customer and Professional Penny Pilot Options Fees for Removing Liquidity from \$0.50 to \$0.48 per contract, excluding SPY, provided NOM Participants qualify for MARS Payment Tiers 1, 2 or 3 does not impose an undue burden on intra-market competition because all Participants may qualify for MARS provided they have the requisite System Eligibility. The Exchange will also uniformly assess the discounted Customer and Professional

Penny Pilot Options Fees for Removing Liquidity to qualifying Participants. Excluding SPY does not impose an undue burden on intra-market competition because today, the Exchange offers a discount for SPY options, which discounts are uniformly paid to all Participants. Today, other options exchanges price differently by options symbol.²⁹

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

No written comments were either solicited or received.

III. <u>Date of Effectiveness of the Proposed Rule Change and Timing for Commission Action</u>

The foregoing rule change has become effective pursuant to Section 19(b)(3)(A)(ii) of the Act.³⁰

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:

²⁹ See note 27.

³⁰ 15 U.S.C. 78s(b)(3)(A)(ii).

Electronic comments:

- Use the Commission's Internet comment form (http://www.sec.gov/rules/sro.shtml); or
- Send an e-mail to <u>rule-comments@sec.gov</u>. Please include File Number SR-NASDAQ-2016-100 on the subject line.

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-2016-100. 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-2016-100 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.31

> Robert W. Errett **Deputy Secretary**

³¹

EXHIBIT 5

New text is underlined; deleted text is in brackets.

NASDAQ Stock Market Rules

* * * * *

Options Rules

* * * * *

Chapter XV Options Pricing

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Sec. 2 NASDAQ Options Market—Fees and Rebates

The following charges shall apply to the use of the order execution and routing services of the NASDAQ Options Market for all securities.

(1) Fees for Execution of Contracts on the NASDAQ Options Market

Fees and Rebates (per executed contract)						
	Customer	Professional	Firm	Non-NOM Market Maker	NOM Market Maker	Broker- Dealer
Penny Pilot O	ptions:					
Rebate to Add Liquidity	*** d	*** d	\$0.10	\$0.10	#	\$0.10
Fee for Removing Liquidity	\$0.50 3.4	\$0.50 ³ .4	\$0.50	\$0.50 ²	\$0.50 ²	\$0.50
Non-Penny Pil	ot Options:					
Fee for Adding Liquidity	N/A	N/A	\$0.45	\$0.45	\$0.35	\$0.45
Fee for Removing Liquidity	\$0.85	\$0.85	\$1.10	\$1.10	\$1.10	\$1.10
Rebate to Add Liquidity	\$0.80 1	\$0.80 1	N/A	N/A	N/A	N/A

¹A Participant that qualifies for Customer or Professional Penny Pilot Options Rebate to Add Liquidity Tiers 2, 3, 4, 5 or 6 in a month will receive an additional \$0.10 per contract Non-Penny Pilot Options Rebate to Add Liquidity for each transaction which adds liquidity in Non-Penny Pilot Options in that month. A Participant that qualifies for Customer or Professional Penny Pilot Options Rebate to Add Liquidity Tiers 7 or 8 in a month will receive an additional \$0.20 per contract Non-Penny Pilot Options Rebate to Add Liquidity for each transaction which adds liquidity in Non-Penny Pilot Options in that month.

²Participants that add 1.30% of Customer, Professional, Firm, Broker-Dealer or Non-NOM Market Maker liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of total industry customer equity and ETF option ADV contracts per day in a month will be subject to the following pricing applicable to executions: a \$0.48 per contract Penny Pilot Options Fee for Removing Liquidity when the Participant is (i) both the buyer and the seller or (ii) the Participant removes liquidity from another Participant under Common Ownership.

Participants that add 1.50% of Customer, Professional, Firm, Broker-Dealer or Non-NOM Market Maker liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of total industry customer equity and ETF option ADV contracts per day in a month and meet or exceed the cap for the NASDAQ Stock Market Opening Cross during the month will be subject to the following pricing applicable to executions less than 10,000 contracts: a \$0.32 per contract Penny Pilot Options Fee for Removing Liquidity when the Participant is (i) both the buyer and seller or (ii) the Participant removes liquidity from another Participant under Common Ownership.

Participants that add 1.75% of Customer, Professional, Firm, Broker-Dealer or Non-NOM Market Maker liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of total industry customer equity and ETF option ADV contracts per day in a month will be subject to the following pricing applicable to executions less than 10,000 contracts: a \$0.32 per contract Penny Pilot Options Fee for Removing Liquidity when the Participant is (i) both the buyer and seller or (ii) the Participant removes liquidity from another Participant under Common Ownership.

³A Customer or Professional that removes liquidity in SPY Options will be assessed a fee of \$0.47 per contract.

⁴[Reserved] NOM Participants that qualify for MARS Payment Tiers 1, 2 or 3 will be assessed a Customer or Professional Penny Pilot Options Fee for Removing Liquidity of \$0.48 per contract, excluding SPY.

^{***} The Customer and Professional Rebate to Add Liquidity in Penny Pilot Options will be paid as noted below. To determine the applicable percentage of total industry customer equity and ETF option average daily volume, unless otherwise stated, the Participant's Penny Pilot and Non-Penny Pilot Customer and/or Professional volume that adds liquidity will be included.

Mont	thly Volume	Rebate to Add Liquidity
Tier 1	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of up to 0.10% of total industry customer equity and ETF option average daily volume ("ADV") contracts per day in a month	\$0.20
Tier 2	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.10% to 0.20% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.25
Tier 3	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.20% to 0.30% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.42
Tier 4	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.30% to 0.40% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.43
Tier 5	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.40% to 0.75% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.45
Tier 6 b	Participant has Total Volume of 100,000 or more contracts per day in a month, of which 25,000 or more contracts per day in a month must be Customer and/or Professional liquidity in Penny Pilot Options	\$0.45
Tier 7 ^b	Participant has Total Volume of 150,000 or more contracts per day in a month, of which 50,000 or more contracts per day in a month must be Customer and/or Professional liquidity in Penny Pilot Options	\$0.47

Tier 8	Participant adds Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.75% or more of total industry customer equity and ETF option ADV contracts per day in a month, or Participant adds: (1) Customer and/or Professional liquidity in	\$0.48°
	Penny Pilot Options and/or Non-Penny Pilot Options of <u>0.25% or</u>	
	more of total industry customer equity and ETF option ADV[30,000	
	or more] contracts per day in a month, and (2) has added liquidity in	
	all securities through one or more of its Nasdaq Market Center	
	MPIDs that represent 1.00% or more of Consolidated Volume in a	
	month or qualifies for MARS (defined below)	

^aReserved.

^bFor purposes of Tiers 6 and 7, "Total Volume" shall be defined as Customer, Professional, Firm, Broker-Dealer, Non-NOM Market Maker and NOM Market Maker volume in Penny Pilot Options and/or Non-Penny Pilot Options which either adds or removes liquidity on NOM.

^c Participants that: (1) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non- Penny Pilot Options of 1.15% or more of total industry customer equity and ETF option ADV contracts per day in a month will receive an additional \$0.02 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in that month; or (2) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of 1.30% or more of total industry customer equity and ETF option ADV contracts per day in a month will receive an additional \$0.05 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in that month; or (3) (a) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.80% of total industry customer equity and ETF option ADV contracts per day in a month, (b) add Customer, Professional, Firm, Non-NOM Market Maker and/or Broker-Dealer liquidity in Non-Penny Pilot Options above 0.15% of total industry customer equity and ETF option ADV contracts per day in a month, and (c) execute greater than 0.04% of Consolidated Volume ("CV") via Market-on-Close/Limit-on-Close ("MOC/LOC") volume within the NASDAO Stock Market Closing Cross within a month will receive an additional \$0.05 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in a month. Consolidated Volume shall mean the total consolidated volume reported to all consolidated transaction reporting plans by all exchanges and trade reporting facilities during a month in equity securities, excluding executed orders with a size of less than one round lot. For purposes of calculating Consolidated Volume and the extent of an equity member's trading activity, expressed as a percentage of or ratio to Consolidated Volume, the date of the annual reconstitution of the Russell Investments Indexes shall be excluded from both total Consolidated Volume and the member's trading activity.

^d NOM Participants that qualify for MARS Payment Tiers 1, 2 or 3 will receive an additional \$0.0[5]3 per contract Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity for each transaction which adds liquidity in Penny Pilot Options in that month, in addition to qualifying Penny Pilot Options Customer and/or Professional Rebate to Add Liquidity Tiers 1-8. NOM Participants that qualify for a note "c" incentive will receive the greater of the note "c" or note "d" incentive.

The NOM Market Maker Rebate to Add Liquidity in Penny Pilot Options will be paid as noted below.

Monthly Volume		Rebate to Add Liquidity
Tier 1	Participant adds NOM Market Maker liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of up to 0.10% of total industry customer equity and ETF option average daily volume ("ADV") contracts per day in a month	\$0.20
Tier 2	Participant adds NOM Market Maker liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.10% to 0.25% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.25
Tier 3	Participant adds NOM Market Maker liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.25% to 0.60% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.30 or \$0.40 in the following symbols AAPL, QQQ, IWM, SPY and VXX
Tier 4	Participant adds NOM Market Maker liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of above 0.60% to 0.90% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.32 or \$0.40 in the following symbols AAPL, QQQ, IWM, VXX and SPY
Tier 5	Participant adds NOM Market Maker liquidity in Penny Pilot Options and/or Non-Penny Pilot Options of above 0.30% of total industry customer equity and ETF option ADV contracts per day in a month and qualifies for the Tier 7 or Tier 8 Customer and/or Professional Rebate to Add Liquidity in Penny Pilot Options	\$0.40
Tier 6	Participant adds NOM Market Maker liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.80% of total industry customer equity and ETF option ADV contracts per day in a month and qualifies for the Tier 7 or Tier 8 Customer and/or Professional Rebate to Add Liquidity in Penny Pilot Options or Participant adds NOM Market Maker liquidity in Penny Pilot Options and/or Non-Penny Pilot Options above 0.90% of total industry customer equity and ETF option ADV contracts per day in a month	\$0.42

(2) - (5) No change.

(6) Market Access and Routing Subsidy ("MARS")

MARS System Eligibility

To qualify for MARS, the Participant's routing system ("System") would be required to: (1) enable the electronic routing of orders to all of the U.S. options exchanges, including NOM; (2) provide current consolidated market data from the U.S. options exchanges; and (3) be capable of interfacing with NOM's API to access current NOM match engine functionality. Further, the Participant's System would also need to cause NOM to be the one of the top three default destination exchanges for individually executed marketable orders if NOM is at the national best bid or offer ("NBBO"), regardless of size or time, but allow any user to manually override NOM as a default destination on an order-by-order basis. Any NOM Participant would be permitted to avail itself of this arrangement, provided that its order routing functionality incorporates the features described above and satisfies NOM that it appears to be robust and reliable. The Participant remains solely responsible for implementing and operating its System.

MARS Eligible Contracts

MARS Payment would be made to NOM Participants that have System Eligibility and have routed the requisite number of Eligible Contracts daily in a month, which were executed on NOM. For the purpose of qualifying for the MARS Payment, Eligible Contracts may include Firm, Non-NOM Market Maker, Broker-Dealer, or Joint Back Office or "JBO" equity option orders that add liquidity and are electronically delivered and executed. Eligible Contracts do not include Mini Option orders.

MARS Payment

NOM Participants that have System Eligibility and have executed the requisite number of Eligible Contracts in a month will be paid the following rebates:

Tiers	Average Daily Volume ("ADV")	MARS Payment
1	2,500	\$0.07*
2	5,000	\$0.09*
3	10,000	\$0.11*

The specified MARS Payment will be paid on all executed Eligible Contracts that add liquidity, which are routed to NOM through a participating NOM Participant's System

and meet the requisite Eligible Contracts ADV. No payment will be made with respect to orders that are routed to NOM, but not executed

A Participant will not be entitled to receive any other revenue for the use of its System specifically with respect to orders routed to NOM.

*NOM Participants that qualify for Customer and Professional Penny Pilot Options
Rebate to Add Liquidity Tier 8 will receive \$0.09 per contract in addition to any MARS
Payment tier on MARS Eligible Contracts the NOM Participant qualifies for in a given month.

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