Required fields are shown with yellow backgrounds and asterisks.

OMB Number: 3235-0045
Estimated average burden hours per response.......38

Page 1 of * 18	,		EXCHANGE C STON, D.C. 20 orm 19b-4			File No.*	SR - 2015 - * 042 Amendments *)
Filing by NASC	Filing by NASDAQ Stock Market						
Pursuant to Rule 19b-4 under the Securities Exchange Act of 1934							
Initial * A	mendment *	Withdrawal	Section 19(b)(2) *	Section	on 19(b)(3)(A) *	Section 19(b)(3)(B) *
1 1101	on of Time Period mission Action *	Date Expires *		□ ☑ □	19b-4(f) 19b-4(f) 19b-4(f))(2) 19b-4(f)(5)	
Notice of propose Section 806(e)(1)	ed change pursuant to) *	the Payment, Cleari Section 806(e)(2) *	ing, and Settlen	nent Act of 2	2010	Security-Based Swap to the Securities Exch Section 3C(b)(2	-
Exhibit 2 Sent As Paper Document Exhibit 3 Sent As Paper Document Exhibit 3 Sent As Paper Document							
Description Provide a brief description of the action (limit 250 characters, required when Initial is checked *). A proposed rule change to amend NASDAQ Rule 7015(b) and (g) to modify the port fees.							
Contact Information Provide the name, telephone number, and e-mail address of the person on the staff of the self-regulatory organization prepared to respond to questions and comments on the action.							
First Name * Jeff	frey		Last Name *	Davis			
E-mail * jeffrey.davis@nasdaq.com							
Telephone * (301) 978-8484 Fax (301) 978-8472							
Signature Pursuant to the requirements of the Securities Exchange Act of 1934, has duly caused this filing to be signed on its behalf by the undersigned thereunto duly authorized.							
(Title *)							
Date 04/22/201	15	I	Executive Vice	President	and Ge	neral Counsel	
By Edward S	S. Knight						
this form. A digital si	(Name *) putton at right will digitally ignature is as legally bind signed, this form cannot b	ing as a physical	edv	ward.knight	@nasda	aq.com	

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) Pursuant to the provisions of Section 19(b)(1) under the Securities Exchange Act of 1934 ("Act")¹ and Rule 19b-4 thereunder,² The NASDAQ Stock Market LLC ("NASDAQ" or "Exchange") is filing with the Securities and Exchange Commission ("Commission") a proposed rule change to amend NASDAQ Rule 7015(b) and (g) to modify the port fees charged to members and non-members for ports used to enter orders into Nasdaq systems, in connection with the use of the FIX and OUCH trading telecommunication protocols. Specifically, the Exchange proposes to upgrade the hardware supporting the ports to Field Programmable Gate Array ("FPGA") technology, and to recoup the upgrade costs by increasing fees by \$25 per port.

The text of the proposed rule change is below. Proposed new language is underlined; proposed deletions are in brackets.³

* * * * *

7015. Access Services

- (a) No change.
- (b) Financial Information Exchange (FIX)

Ports	Price
FIX Trading Port	\$5 <u>75</u> [50]/port/month
FIX Port for Services Other than Trading	\$500/port/month

¹ 15 U.S.C. 78s(b)(1).

² 17 CFR 240.19b-4.

Changes are marked to the rule text that appears in the electronic Nasdaq Manual found at http://nasdaqomx.cchwallstreet.com.

- (c)-(f) No change.
- (g) Other Port Fees

Remote Multi-cast ITCH Wave Ports

Description	Installation Fee	Recurring Monthly Fee
MITCH Wave Port at Secaucus, NJ	\$2,500	\$7,500
MITCH Wave Port at Weehawken, NJ	\$2,500	\$7,500
MITCH Wave Port at Mahwah, NJ	\$5,000	\$12,500

The following port fees shall apply in connection with the use of other trading telecommunication protocols:

- \$575[50] per month for each port pair, other than Multicast ITCH® data feed pairs, for which the fee is \$1,000 per month for software-based TotalView-ITCH or \$2,500 per month for combined software- and hardware-based TotalView-ITCH, and TCP ITCH data feed pairs, for which the fee is \$750 per month.
- An additional \$200 per month for each port used for entering orders or quotes over the Internet.
- An additional \$600 per month for each port used for market data delivery over the Internet.

Dedicated OUCH Port Infrastructure

The Dedicated OUCH Port Infrastructure subscription allows a member firm to assign up to 30 of its OUCH ports to a dedicated server infrastructure for its exclusive use. A Dedicated OUCH Port Infrastructure subscription is available to a member firm for a fee of \$5,000 per month, which is in addition to the standard fees assessed for each OUCH port. A one-time installation fee of \$5,000 is assessed subscribers for each Dedicated OUCH Port Server subscription.

(h) - (i) No change.

* * * * *

- (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 of the Exchange on July 16, 2014. Exchange staff will advise the Board of Directors of any action taken pursuant to delegated authority. No other action by the Exchange is necessary for the filing of the rule change.

Questions and comments on the proposed rule change may be directed to Deputy General Counsel, Jeffrey S. Davis, NASDAQ, at (301) 978-8493 (telephone).

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

a. <u>Purpose</u>

Nasdaq is proposing to amend Nasdaq Rule 7015 (b) and (g) to modify the monthly fee it charges for ports used to enter orders in the Nasdaq Market Center for the trading of equities, in connection with the use of FIX and OUCH trading telecommunication protocols.

The enhanced ports will use field-programmable gate array ("FPGA") technology, which is a hardware-delivery mechanism and an upgrade to the existing software and software-and-hardware based mechanisms. By taking advantage of hardware parallelism, FPGA technology is capable of processing more data packets during peak market conditions without the introduction of variable queuing latency. In other words, the upgrade to FPGA will improve the predictability of the telecommunications ports and thereby add value to the user experience.

The Exchange is offering new technology and pricing in order to keep pace with changes in the industry and evolving customer needs as new technologies emerge and products continue to develop and change. The costs associated with the hardware-based delivery system cover creating, shipping, installing and maintaining the new equipment and codebase. From a messaging perspective, the data content and sequencing on the new hardware version of the OUCH ports will be the same as on the legacy software-based versions of NASDAQ's ports that are being replaced.

b. Statutory Basis

NASDAQ believes that the proposed rule change is consistent with the provisions of Section 6 of the Act,⁴ in general, and with Section 6(b)(5) of the Act⁵ in particular, in that the proposal is designed to prevent fraudulent and manipulative acts and practices, to promote just and equitable principles of trade, to foster cooperation and coordination with persons engaged in regulating, clearing, settling, processing information with respect to, and facilitating transactions in securities, to remove impediments to and perfect the mechanism of a free and open market and a national market system, and, in general, to protect investors and the public interest. The Exchange continuously strives to offer members state of the art technology to enhance their trading experience and thereby enhance the national market system. Incremental enhancements such as the advent of FPGA technology has helped make the U.S. markets the deepest, most liquid markets in the world.

⁴ 15 U.S.C. 78f.

⁵ 15 U.S.C. 78f(b)(5).

The Exchange believes the proposed rule change is consistent with Section 6(b)(4) of the Act⁶ in that it provides for the equitable allocation of reasonable dues, fees and other charges among members and issuers and other persons using any facility or system which the Exchange operates or controls, and it does not unfairly discriminate between customers, issuers, brokers or dealers.

The Exchange believes that the proposed fees are reasonable in that they are based on the costs associated with purchasing hardware (capital expenditures) and supporting and maintaining the infrastructure (operating expenditures) for the FPGA enhancement for member firms. In addition, the FPGA enhancements will provide value to members far exceeding the incremental costs imposed. The Exchange also believes that the proposed fees are equitable and not unfairly discriminatory because the fees apply equally to all users of the FPGA-enhanced ports. Moreover, the fees apply in direct proportion to the number of ports used by each member.

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

NASDAQ does not believe that the proposed rule change will result in any burden on competition that is not necessary or appropriate in furtherance of the purposes of the Act, as amended. To the contrary, NASDAQ believes that the proposed rule change is pro-competitive in that the enhancements improve the competitiveness of the NASDAQ Market Center and the overall quality of the national market system. If, as NASDAQ believes, the FPGA enhancement provides NASDAQ a competitive advantage, other exchanges will quickly respond by enhancing their own markets in the same way. Such

⁶ 15 U.S.C. 78f(b)(4).

innovation and imitation is the very essence of the competition the Exchange Act is designed to promote.⁷

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.

6. Extension of Time Period for Commission Action

The Exchange does not consent at this time to an extension of the time period for Commission action specified in Section 19(b)(2) of the Act.⁸

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,⁹ the Exchange has designated this proposal as establishing or changing a due, fee, or other charge imposed 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.

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

Not applicable.

Security-Based Swap Submissions Filed Pursuant to Section 3C of the Act
 Not applicable.

The Chicago Mercantile Exchange is already using FPGA technology in order entry ports for the trading of futures. <u>See</u> https://www.cmegroup.com/globex/files/NewiLinkArchitecture2014.pdf.

⁸ 15 U.S.C. 78s(b)(2).

⁹ 15 U.S.C. 78s(b)(3)(A)(ii). The proposed filing does not result in the dissemination of any new data elements not already disseminated via an approved NOM product.

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

Not applicable.

11. Exhibits

1. Completed notice of proposed rule change for publication in the <u>Federal</u>

Register.

EXHIBIT 1

SECURITIES AND EXCHANGE COMMISSION (Release No. ; File No. SR-NASDAQ-2015-042)

April ___, 2015

Self-Regulatory Organizations; The NASDAQ Stock Market LLC; Notice of Filing and Immediate Effectiveness of Proposed Rule Change to Amend NASDAQ Rule 7015(b) and (g) to Modify Port Fees

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 April 22, 2015, 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 amend NASDAQ Rule 7015(b) and (g) to modify the port fees charged to members and non-members for ports used to enter orders into Nasdaq systems, in connection with the use of the FIX and OUCH trading telecommunication protocols.

The text of the proposed rule change is below; proposed new language is underlined; proposed deletions are in brackets.

¹⁵ U.S.C. 78s(b)(1).

² 17 CFR 240.19b-4.

* * * *

7015. Access Services

- (a) No change.
- (b) Financial Information Exchange (FIX)

Ports	Price
FIX Trading Port	\$5 <u>75</u> [50]/port/month
FIX Port for Services Other than Trading	\$500/port/month

- (c)– (f) No change.
- (g) Other Port Fees

Remote Multi-cast ITCH Wave Ports

Description	Installation Fee	Recurring Monthly Fee
MITCH Wave Port at	\$2,500	\$7,500
Secaucus, NJ		
MITCH Wave Port at	\$2,500	\$7,500
Weehawken, NJ		
MITCH Wave Port at	\$5,000	\$12,500
Mahwah, NJ		

The following port fees shall apply in connection with the use of other trading telecommunication protocols:

- \$575[50] per month for each port pair, other than Multicast ITCH® data feed pairs, for which the fee is \$1,000 per month for software-based TotalView-ITCH or \$2,500 per month for combined software- and hardware-based TotalView-ITCH, and TCP ITCH data feed pairs, for which the fee is \$750 per month.
- An additional \$200 per month for each port used for entering orders or quotes over the Internet.
- An additional \$600 per month for each port used for market data delivery over the Internet.

Dedicated OUCH Port Infrastructure

The Dedicated OUCH Port Infrastructure subscription allows a member firm to assign up to 30 of its OUCH ports to a dedicated server infrastructure for its exclusive use. A Dedicated OUCH Port Infrastructure subscription is available to a member firm for a fee of \$5,000 per month, which is in addition to the standard fees assessed for each OUCH port. A one-time installation fee of \$5,000 is assessed subscribers for each Dedicated OUCH Port Server subscription.

(h) - (i) No change.

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> Basis for, the Proposed Rule Change

1. <u>Purpose</u>

Nasdaq is proposing to amend Nasdaq Rule 7015 (b) and (g) to modify the monthly fee it charges for ports used to enter orders in the Nasdaq Market Center for the trading of equities, in connection with the use of FIX and OUCH trading telecommunication protocols.

The enhanced ports will use field-programmable gate array ("FPGA") technology, which is a hardware-based delivery mechanism and an upgrade to the existing software and software-and-hardware based mechanisms. By taking advantage of hardware parallelism, FPGA technology is capable of processing more data packets during peak market conditions without the introduction of variable queuing latency. In other words, the upgrade to FPGA will improve the predictability of the telecommunications ports and thereby add value to the user experience.

The Exchange is offering new technology and pricing in order to keep pace with changes in the industry and evolving customer needs as new technologies emerge and products continue to develop and change. The costs associated with the hardware-based delivery system cover creating, shipping, installing and maintaining the new equipment

and codebase. From a messaging perspective, the data content and sequencing on the new hardware version of the OUCH ports will be the same as on the legacy software-based versions of NASDAQ ports that are being replaced.

2. Statutory Basis

NASDAQ believes that the proposed rule change is consistent with the provisions of Section 6 of the Act,³ in general, and with Section 6(b)(5) of the Act⁴ in particular, in that the proposal is designed to prevent fraudulent and manipulative acts and practices, to promote just and equitable principles of trade, to foster cooperation and coordination with persons engaged in regulating, clearing, settling, processing information with respect to, and facilitating transactions in securities, to remove impediments to and perfect the mechanism of a free and open market and a national market system, and, in general, to protect investors and the public interest. The Exchange continuously strives to offer members state of the art technology to enhance their trading experience and thereby enhance the national market system. Incremental enhancements such as the advent of FPGA technology has helped make the U.S. markets the deepest, most liquid markets in the world.

The Exchange believes the proposed rule change is consistent with Section 6(b)(4) of the Act⁵ in that it provides for the equitable allocation of reasonable dues, fees and other charges among members and issuers and other persons using any facility or

³ 15 U.S.C. 78f.

⁴ 15 U.S.C. 78f(b)(5).

⁵ 15 U.S.C. 78f(b)(4).

system which the Exchange operates or controls, and it does not unfairly discriminate between customers, issuers, brokers or dealers.

The Exchange believes that the proposed fees are reasonable in that they are based on the costs associated with purchasing hardware (capital expenditures) and supporting and maintaining the infrastructure (operating expenditures) for the FPGA enhancement for member firms. In addition, the FPGA enhancements will provide value to members far exceeding the incremental costs imposed. The Exchange also believes that the proposed fees are equitable and not unfairly discriminatory because the fees apply equally to all users of the FPGA-enhanced ports. Moreover, the fees apply in direct proportion to the number of ports used by each member.

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

NASDAQ does not believe that the proposed rule change will result in any burden on competition that is not necessary or appropriate in furtherance of the purposes of the Act, as amended. To the contrary, NASDAQ believes that the proposed rule change is pro-competitive in that the enhancements improve the competitiveness of the NASDAQ Market Center and the overall quality of the national market system. If, as NASDAQ believes, the FPGA enhancement provides NASDAQ a competitive advantage, other exchanges will quickly respond by enhancing their own markets in the same way. Such innovation and imitation is the very essence of the competition the Exchange Act is designed to promote.⁶

The Chicago Mercantile Exchange is already using FPGA technology in order entry ports for the trading of futures. <u>See https://www.cmegroup.com/globex/files/NewiLinkArchitecture2014.pdf.</u>

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

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.⁷

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

IV. Solicitation of Comments

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

Electronic comments:

- Use the Commission's Internet comment form (http://www.sec.gov/rules/sro.shtml); or
- Send an e-mail to <u>rule-comments@sec.gov</u>. Please include File Number SR-NASDAQ-2015-042 on the subject line.

⁷ 15 U.S.C. 78s(b)(3)(A)(ii).

Paper comments:

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

All submissions should refer to File Number SR-NASDAQ-2015-042. 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-2015-042 and should be submitted on or before [insert date 21 days from publication in the <u>Federal Register</u>].

For the Commission, by the Division of Trading and Markets, pursuant to delegated authority. 8

Kevin M O'Neill Deputy Secretary

^{8 17} CFR 200.30-3(a)(12).