Required fields are shown with yellow backgrounds and asterisks.

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

Page 1 o	f * 27		EXCHANGE CO GTON, D.C. 205- orm 19b-4	19	File No.* 9	SR - 2014 - * 20 mendments *)	
Filing by EDGX Exchange, Inc.							
Pursuant to Rule 19b-4 under the Securities Exchange Act of 1934							
Initial *	Amendment *	Withdrawal	Section 19(b)(2	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	1)(2) 19b-4(f)(5)		
Notice of proposed change pursuant to the Payment, Cle Section 806(e)(1) * Section 806(e)(2			ing, and Settleme	g, and Settlement Act of 2010 Security-Based Swap Submission pursuant to the Securities Exchange Act of 1934 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 *). EDGX Exchange, Inc. proposes to clarify for its Members and non-Members the use of certain data feeds for order handling and execution, order routing, and regulatory compliance.							
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 N	ame * Christopher		Last Name * So	lgan			
Title *	Regulatory Counsel	Regulatory Counsel					
E-mail	* csolgan@directedge	csolgan@directedge.com					
Telephone * (201) 942-8321 Fax							
Signature Pursuant to the requirements of the Securities Exchange Act of 1934, has duly caused this filing to be signed on its behalf by the undersigned thereunto duly authorized.							
(Title *)							
Date	07/15/2014		Regulatory Coun	Sei			
Ву	Christopher Solgan						
(Name *) NOTE: Clicking the button at right will digitally sign and lock this form. A digital signature is as legally binding as a physical signature, and once signed, this form cannot be changed.							

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 For complete Form 19b-4 instructions please refer to the 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) of the Securities Exchange Act of 1934 ("Act")¹ and Rule 19b-4 thereunder,² EDGX Exchange, Inc. ("EDGX" or the "Exchange") proposes to clarify for Members³ and non-Members the Exchange's use of certain data feeds for order handling and execution, order routing, and regulatory compliance. The Exchange has designated this proposal as non-controversial and provided the Securities and Exchange Commission (the "Commission") with the notice required by Rule 19b-4(f)(6)(iii) under the Act.⁴

The text of the proposed rule change is available on the Exchange's website at www.directedge.com, at the Exchange's principal office and at the Public Reference Room of the Commission.

- (b) Not applicable.
- (c) Not applicable.

2. <u>Procedures of the Self-Regulatory Organization</u>

The Exchange submits the proposed rule change pursuant to authority delegated by the Board of Directors of the Exchange on February 11, 2014. Exchange staff will advise the Exchange's Board of Directors of any action taken pursuant to delegated authority. No other action is necessary for the filing of the rule change and, therefore, the

¹ 15 U.S.C. 78s(b)(1).

² 17 CFR 240.19b-4.

The term "Member" is defined as "any registered broker or dealer, or any person associated with a registered broker or dealer, that has been admitted to membership in the Exchange. A Member will have the status of a "member" of the Exchange as that term is defined in Section 3(a)(3) of the Act." See Exchange Rule 1.5(n).

⁴ 17 CFR 240.19b-4(f)(6)(iii).

Exchange's internal procedures with respect to the proposed change are complete.

The persons on the Exchange staff prepared to respond to questions and comments on the proposed rule change are:

Eric Swanson
Executive Vice President and
General Counsel
(913) 815-7000

Christopher Solgan Regulatory Counsel (201) 942-8321

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 submits this filing to clarify for Members and non-Members the Exchange's use of certain data feeds for order handling and execution, order routing, and regulatory compliance.

Order Handling and Execution

The Exchange's Matching Engine (the "ME") determines whether an order should be displayed, executed internally, or routed to another market center. In making this determination, the ME continually receives and maintains quote data that is delivered from an internal processor (the "Feed Handler"). The market data processed by the Feed Handler is sourced directly from the Securities Information Processors ("SIP") feeds.⁵ Specifically, the Exchange's ME uses the Consolidated Tape Association (CTA) market

As part of the plan of integration pursuant to the merger between Direct Edge Holdings LLC, the holding company for the Exchange, and BATS Global Markets, Inc., in January 2015, the Exchange will transition to the use of quotes disseminated by major protected market centers through proprietary data feeds, and disseminated by the SIP for other protected market centers, to calculate the National Best Bid or Offer ("NBBO"). See www.bats.com/edgeintegration. The Exchange will submit a filing to the Commission prior to January 2015 to reflect the transition.

data operated by the Securities Industry Automation Corp. in Tapes A and B and Unlisted Trading Privileges (UTP) market data operated by NASDAQ OMX Group, Inc. in Tape C securities.

These SIP feeds contain the best (top-of-book) prices in round lot quotations of each protected venue. The ME utilizes the SIP feeds to obtain the top-of-book quotes. On EDGX, this excludes EDGX's top-of-book quotes, but includes the top-of-book quotes from the Exchange's affiliates, EDGA Exchange, Inc. ("EDGA"), BATS Exchange, Inc. ("BZX"), and BATS Y-Exchange, Inc. ("BYX"). Based on the SIP feeds and the EDGX Book, 6 the ME constructs the NBBO.

The ME will also update the NBBO upon receipt of an Intermarket Sweep Order ("ISO") with a time-in-force of Day ("Day ISO"). When a Day ISO is posted on the EDGX Book, the ME uses the receipt of a Day ISO as evidence that the protected quotes have been cleared, and the ME does not check away markets for equal or better-priced protected quotes.⁷ The ME will then display and execute non-ISO orders at the same price as the Day ISO.

The NBBO is utilized for order handling and execution. The Exchange looks to its calculation of the NBBO, based on the SIP feeds and the EDGX Book, when

The term "EDGX Book" is defined as "the System's electronic file of orders." See Exchange Rule 1.5(d).

Pursuant to Regulation NMS, a broker-dealer routing a Day ISO is required to simultaneously route one or more additional ISOs, as necessary, to execute against the full displayed size of any protected quote priced equal to or better than the Day ISO. See also Question 5.02 in the "Division of Trading and Markets, Responses to Frequently Asked Questions Concerning Rule 611 and Rule 610 of Regulation NMS" (last updated April 4, 2008) available at http://www.sec.gov/divisions/marketreg/nmsfaq610-11.htm.

determining the mid-point of the NBBO for purposes of a Mid-Point Match Order⁸ or the price at which a Pegged Order⁹ is to be pegged. The Exchange also utilizes its calculation of the NBBO when re-pricing orders pursuant to Exchange Rule 11.5(c)(4) and when handling NBBO Offset Peg Orders¹⁰ and Route Peg Orders.¹¹ As described below, the ME will include quotes from market centers that declare self-help in its calculation of the NBBO for the purpose of re-pricing orders whose price depends on the NBBO, such as pegging, midpoint, etc.

Order Routing

When the Exchange has a marketable order with instructions from the sender that the order is eligible to be routed, and the ME identifies that there is no matching price available on the Exchange, but there is a matching price represented at another venue that displays protected quotes, then the ME will send the order to the Routing Engine ("RE") of Direct Edge ECN LLC (d/b/a DE Route).

In determining whether to route an order, the RE makes its own calculation of the NBBO for a security using quotes disseminated by market centers through proprietary data feeds ("Direct Feeds") where available and the SIP feeds from those venues where the Exchange does not take the Direct Feeds.¹²

The RE utilizes a third-party market data processor that consumes the Direct Feeds and the SIP feeds, aggregates the quantities of symbols by price level, and

See Exchange Rule 11.5(c)(7).

⁹ See Exchange Rule 11.5(c)(6).

¹⁰ See Exchange Rule 11.5(c)(15).

^{11 &}lt;u>See</u> Exchange Rule 11.5(c)(17).

EDGX consumes Direct Feeds from EDGA, BZX and BYX.

redistributes them to an internal quote processor (the "Quote Server"). The RE will request from the Quote Server a market data snapshot which includes the top-of-book and/or depth-of-book of each market center offering depth-of-book feeds. Based on this snapshot, the RE calculates the NBBO for a security and routes the order, allocating the shares to the venues at each price level up to the limit price of the order, starting with the best protected quotes in accordance with Regulation NMS subject to the Member's instructions. If there are any shares remaining after the response to the initial route is received, the RE will take another snapshot from the Quote Server and send out orders based on the same logic. If the full quantity of the order is not executed after multiple route attempts, the order is returned to the ME.

In addition, the RE utilizes in-flight order information in its routing methodology. The RE tracks the details of each in-flight order, including the quantity routed and the corresponding quote published by the routed venue. After the RE requests a market data snapshot from the Quote Server and the RE has already targeted this quote (identified by venue, symbol, price, quantity and time stamp), then the RE will subtract the routed quantity of in-flight orders from the quote size displayed in the market data snapshot. The RE will route an order for the remaining quantity to the venue. If there are no residual shares, the RE will bypass the quote.

The RE also utilizes responses from other venues displaying protected quotes in its routing methodology. When the RE receives a response from a venue that does not completely fill the order targeting a quote, and no subsequent quote update has been received from that venue at the same price level, the RE will mark that venue's quote as

stale at that price level.¹³ Absent additional quote updates from that venue, the RE will bypass the quote for one (1) second. After one second, if the quote is still included in the market data snapshot, the RE will target the quote again.

Regulatory Compliance

Locked or Crossed Markets. The ME determines whether the display of an order would lock or cross the market. At the time an order is entered into the ME, the ME will establish, based upon the prevailing top-of-book quotes of other exchanges displaying protected quotes received from the SIP feeds, whether the order will lock or cross the prevailing NBBO for a security. In the event that the order would produce a locking or crossing condition, the ME will cancel the order, re-price¹⁴ the order or route the order based on the Member's instructions. Two exceptions to this logic are Day ISOs and declarations of self-help.

Pursuant to Regulation NMS, when an Exchange receives a Day ISO, the sender of the ISO retains the responsibility to comply with applicable rules relating to locked and crossed markets.¹⁵ In such case, the Exchange is obligated only to display a Day ISO order at the Member's price, even if such price would lock or cross the market.¹⁶

Declarations of self-help occur when the RE detects that an exchange displaying protected quotes is slow or non-responsive to the Exchange's routed orders. In this

Question 11 of the "Division of Market Regulation: Responses to Frequently Asked Questions Concerning Rule 611 and Rule 610 of Regulation NMS" describes routing practices in the context of stale quotes, <u>available at http://www.sec.gov/divisions/marketreg/rule611faq.pdf.</u>

¹⁴ See Exchange Rule 11.5(c)(4).

See supra note 7

See supra note 7.

circumstance, according to Rule 611(b) of Regulation NMS, the Exchange may display a quotation that may lock or cross quotations from the market where the quotation that it may lock or cross is displayed by the market that the Exchange invoked self-help against. The ME and RE, when they take their market data snapshots, maintain logic that will ignore the quotes generated from the self-helped market in their calculations of the NBBO for execution and routing determinations in compliance with Regulation NMS. The Exchange will also disable all routing to the self-helped market. The ME and Quote Server will continue to consume the self-helped market center's quotes; however, in order to immediately include the quote in the NBBO calculation and enable routing once self-help is revoked. As described above, the Exchange will include quotes from the self-helped market for re-pricing purposes such as pegged orders.

shall establish, maintain, and enforce written policies and procedures that are reasonably designed to prevent trade-throughs on trading centers of protected quotations in NMS stocks that do not fall within a valid exception and, if relying on such an exception, that are reasonably designed to ensure compliance with the terms of the exception. The ME will not permit an execution on the Exchange if there are better-priced protected quotations displayed in the market unless the order is an ISO. At the time an order is entered into the ME, the ME uses the view of the NBBO as described above. If the NBBO is priced better than what is resident on the Exchange, the Exchange will not

See also Question 5.03 in the "Division of Trading and Markets, Responses to Frequently Asked Questions Concerning Rule 611 and Rule 610 of Regulation NMS" (last updated April 4, 2008) available at http://www.sec.gov/divisions/marketreg/nmsfaq610-11.htm.

match such order on the EDGX Book, and based on the Member's instructions, the ME will cancel the order, re-price the order or route the order.

Regulation SHO. The Exchange cannot execute a Short Sale Order¹⁸ equal to or below the current National Best Bid ("NBB") when a short sale price restriction is in effect pursuant to Rule 201 of Regulation SHO ("Short Sale Circuit Breaker").¹⁹ When a Short Sale Circuit Breaker is in effect, the Exchange utilizes information received from the SIP feeds and a view of the EDGX Book to assess its compliance with Rule 201 of Regulation SHO. The NBBO used for compliance with Rule 201 of Regulation SHO includes quotes from market centers against which the Exchange has declared self-help.

Latent or Inaccurate Direct Feeds. Where the Exchange's systems detect problems with one or more Direct Feeds, the Quote Server can manually fail over to the SIP feed to calculate the NBBO for the market center(s) where the applicable Direct Feed is experiencing issues. In order to make this determination, the Quote Server continuously polls every Direct Feed line and generates an email alert if the difference between a quote's sent time (as stamped by the sending market) and the time of receipt

See Exchange Rule 11.15.

¹⁷ CFR 242.200(g); 17 CFR 242.201. On February 26, 2010, the Commission adopted amendments to Regulation SHO under the Act in the form of Rule 201, pursuant to which, among other things, short sale orders in covered securities generally cannot be executed or displayed by a trading center, such as the Exchange, at a price that is at or below the current NBB when a Short Sale Circuit Breaker is in effect for the covered security. See Securities Exchange Act Release No. 61595 (February 26, 2010), 75 FR 11232 (March 10, 2010). In connection with the adoption of Rule 201, Rule 200(g) of Regulation SHO was also amended to include a "short exempt" marking requirement. See also Securities Exchange Act Release No. 63247 (November 4, 2010), 75 FR 68702 (November 9, 2010) (extending the compliance date for Rules 201 and 200(g) to February 28, 2011). See also Division of Trading & Markets: Responses to Frequently Asked Questions Concerning Rule 201 of Regulation SHO, www.sec.gov/divisions/marketreg/rule201fag.htm.

by the Exchange exceeds one (1) second.

(b) <u>Statutory Basis</u>

The Exchange believes that its proposal is consistent with Section 6(b) of the Act²⁰ in general, and furthers the objectives of Section 6(b)(5) of the Act²¹ in particular, in that it is designed to promote just and equitable principles of trade, to foster cooperation and coordination with persons engaged in 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 does not believe that this proposal will permit unfair discrimination among customers, brokers, or dealers because it will be available to all Users.

The Exchange believes that its proposal to describe the Exchange's use of data feeds removes impediments to and perfects the mechanism of a free and open market and protects investors and the public interest because it provides additional specificity and transparency. The Exchange's proposal will enable investors to better assess the quality of the Exchange's execution and routing services. The proposal does not change the operation of the Exchange or its use of data feeds; rather it describes how, and for what purposes, the Exchange uses the quotes disseminated from data feeds to calculate the NBBO for a security for purposes of Regulation NMS, Regulation SHO and various order types that update based on changes to the applicable NBBO. The Exchange believes the additional transparency into the operation of the Exchange as described in

²⁰ 15 U.S.C. 78f(b).

²¹ 15 U.S.C. 78f(b)(5).

the proposal will remove impediments to and perfect the mechanism of a free and open market and a national market system, and, in general, protect investors and the public interest.

4. Self-Regulatory Organization's Statement on Burden on Competition

The Exchange does not believe that the proposal will impose any burden on competition not necessary or appropriate in furtherance of the purposes of the Act. On the contrary, the Exchange believes the proposal would enhance competition because describing the Exchange's use of data feeds enhances transparency and enables investors to better assess the quality of the Exchange's execution and routing services.

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

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

- 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)

The foregoing rule change has become effective pursuant to Section $19(b)(3)(A)^{22}$ of the Act and Rule $19b-4(f)(6)^{23}$ thereunder. The proposed rule change effects a change that (A) does not significantly affect the protection of investors or the public interest; (B) does not impose any significant burden on competition; and (C) by its terms, does not become operative for thirty (30) days after the date of the filing, or such shorter time as

²² 15 U.S.C. 78s(b)(3)(A).

²³ 17 CFR 240.19b-4(f)(6).

the Commission may designate if consistent with the protection of investors and the public interest; provided that the self-regulatory organization has given the Commission written notice of its intent to file the proposed rule change, along with a brief description and text of the proposed rule change, at least five business days prior to the date of filing of the proposed rule change, or such shorter time as designated by the Commission.²⁴ The Exchange requests the Commission waive the requirement of written notice of its intent to file the proposed rule change five (5) business days prior to the date of filing so that the proposal can be filed immediately.

The Exchange believes that the proposed rule change meets the criteria of subparagraph (f)(6) of Rule 19b-4²⁵ because the proposed rule change would not significantly affect investors or the public interest or impose a significant burden on competition because it provides: (i) additional specificity and transparency regarding the Exchange's use of data feeds; and (ii) enables investors to better assess the quality of the Exchange's execution and routing services. Based on the foregoing, the Exchange has designated this rule filing as non-controversial under Section 19(b)(3)(A) of the Act²⁶ and paragraph (f)(6) of Rule 19b-4 thereunder.²⁷

At any time within sixty (60) days of the filing of such proposed rule change, the Commission may summarily temporarily suspend such rule change if it appears to the Commission that such action is necessary or appropriate in the public interest, for the protection of investors, or otherwise in furtherance of the purposes of the Act.

²⁴ 17 CFR 240.19b-4(f)(6)(iii).

²⁵ 17 CFR 240.19b-4(f)(6).

²⁶ 15 U.S.C. 78s(b)(3)(A).

²⁷ 17 CFR 240.19b-4(f)(6).

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

Not applicable.

9. <u>Security Based-Swap Submissions Filed Pursuant to Section 3C of the Act</u>

Not applicable.

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

Not applicable.

11. Exhibits

Exhibit 1 – Form of Notice of Proposed Rule Change for Federal Register.

SECURITIES AND EXCHANGE COMMISSION (Release No. 34- ; File No. SR-EDGX-2014-20)

[Date]

Self-Regulatory Organizations; EDGX Exchange, Inc.; Notice of Filing and Immediate Effectiveness of a Proposed Rule Change to Clarify for Members and non-Members the Use of Certain Data Feeds for Order Handling and Execution, Order Routing and Regulatory Compliance of EDGX Exchange, Inc.

I. <u>Self-Regulatory Organization's Statement of the Terms of Substance of the Proposed Rule Change</u>

The Exchange proposes to clarify for Members⁴ and non-Members the Exchange's use of certain data feeds for order handling and execution, order routing, and

¹ 15 U.S.C. 78s(b)(1).

² 17 CFR 240.19b-4.

³ 17 CFR 240.19b-4(f)(6)(iii).

The term "Member" is defined as "any registered broker or dealer, or any person associated with a registered broker or dealer, that has been admitted to membership in the Exchange. A Member will have the status of a "member" of

regulatory compliance. The text of the proposed rule change is available on the Exchange's Internet website at www.directedge.com, at the Exchange's principal office, and at the Public Reference Room of the Commission.

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 self-regulatory organization included statements concerning the purpose of, and basis for, the proposed rule change and discussed any comments it received on the proposed rule change. The text of these statements may be examined at the places specified in Item IV below. The self-regulatory organization has prepared summaries, set forth in sections A, B and C below, of the most significant aspects of such statements.

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

1. <u>Purpose</u>

The Exchange submits this filing to clarify for Members and non-Members the Exchange's use of certain data feeds for order handling and execution, order routing, and regulatory compliance.

Order Handling and Execution

The Exchange's Matching Engine (the "ME") determines whether an order should be displayed, executed internally, or routed to another market center. In making this determination, the ME continually receives and maintains quote data that is delivered from an internal processor (the "Feed Handler"). The market data processed by the Feed

the Exchange as that term is defined in Section 3(a)(3) of the Act." See Exchange Rule 1.5(n).

Handler is sourced directly from the Securities Information Processors ("SIP") feeds.⁵ Specifically, the Exchange's ME uses the Consolidated Tape Association (CTA) market data operated by the Securities Industry Automation Corp. in Tapes A and B and Unlisted Trading Privileges (UTP) market data operated by NASDAQ OMX Group, Inc. in Tape C securities.

These SIP feeds contain the best (top-of-book) prices in round lot quotations of each protected venue. The ME utilizes the SIP feeds to obtain the top-of-book quotes. On EDGX, this excludes EDGX's top-of-book quotes, but includes the top-of-book quotes from the Exchange's affiliates, EDGA Exchange, Inc. ("EDGA"), BATS Exchange, Inc. ("BZX"), and BATS Y-Exchange, Inc. ("BYX"). Based on the SIP feeds and the EDGX Book, 6 the ME constructs the NBBO.

The ME will also update the NBBO upon receipt of an Intermarket Sweep Order ("ISO") with a time-in-force of Day ("Day ISO"). When a Day ISO is posted on the EDGX Book, the ME uses the receipt of a Day ISO as evidence that the protected quotes have been cleared, and the ME does not check away markets for equal or better-priced

As part of the plan of integration pursuant to the merger between Direct Edge Holdings LLC, the holding company for the Exchange, and BATS Global Markets, Inc., in January 2015, the Exchange will transition to the use of quotes disseminated by major protected market centers through proprietary data feeds, and disseminated by the SIP for other protected market centers, to calculate the National Best Bid or Offer ("NBBO"). See www.bats.com/edgeintegration. The Exchange will submit a filing to the Commission prior to January 2015 to reflect the transition.

The term "EDGX Book" is defined as "the System's electronic file of orders." See Exchange Rule 1.5(d).

protected quotes.⁷ The ME will then display and execute non-ISO orders at the same price as the Day ISO.

The NBBO is utilized for order handling and execution. The Exchange looks to its calculation of the NBBO, based on the SIP feeds and the EDGX Book, when determining the mid-point of the NBBO for purposes of a Mid-Point Match Order⁸ or the price at which a Pegged Order⁹ is to be pegged. The Exchange also utilizes its calculation of the NBBO when re-pricing orders pursuant to Exchange Rule 11.5(c)(4) and when handling NBBO Offset Peg Orders¹⁰ and Route Peg Orders.¹¹ As described below, the ME will include quotes from market centers that declare self-help in its calculation of the NBBO for the purpose of re-pricing orders whose price depends on the NBBO, such as pegging, midpoint, etc.

Order Routing

When the Exchange has a marketable order with instructions from the sender that the order is eligible to be routed, and the ME identifies that there is no matching price available on the Exchange, but there is a matching price represented at another venue that

Pursuant to Regulation NMS, a broker-dealer routing a Day ISO is required to simultaneously route one or more additional ISOs, as necessary, to execute against the full displayed size of any protected quote priced equal to or better than the Day ISO. See also Question 5.02 in the "Division of Trading and Markets, Responses to Frequently Asked Questions Concerning Rule 611 and Rule 610 of Regulation NMS" (last updated April 4, 2008) available at http://www.sec.gov/divisions/marketreg/nmsfaq610-11.htm.

⁸ See Exchange Rule 11.5(c)(7).

⁹ <u>See</u> Exchange Rule 11.5(c)(6).

^{10 &}lt;u>See</u> Exchange Rule 11.5(c)(15).

^{11 &}lt;u>See</u> Exchange Rule 11.5(c)(17).

displays protected quotes, then the ME will send the order to the Routing Engine ("RE") of Direct Edge ECN LLC (d/b/a DE Route).

In determining whether to route an order, the RE makes its own calculation of the NBBO for a security using quotes disseminated by market centers through proprietary data feeds ("Direct Feeds") where available and the SIP feeds from those venues where the Exchange does not take the Direct Feeds.¹²

The RE utilizes a third-party market data processor that consumes the Direct Feeds and the SIP feeds, aggregates the quantities of symbols by price level, and redistributes them to an internal quote processor (the "Quote Server"). The RE will request from the Quote Server a market data snapshot which includes the top-of-book and/or depth-of-book of each market center offering depth-of-book feeds. Based on this snapshot, the RE calculates the NBBO for a security and routes the order, allocating the shares to the venues at each price level up to the limit price of the order, starting with the best protected quotes in accordance with Regulation NMS subject to the Member's instructions. If there are any shares remaining after the response to the initial route is received, the RE will take another snapshot from the Quote Server and send out orders based on the same logic. If the full quantity of the order is not executed after multiple route attempts, the order is returned to the ME.

In addition, the RE utilizes in-flight order information in its routing methodology. The RE tracks the details of each in-flight order, including the quantity routed and the corresponding quote published by the routed venue. After the RE requests a market data snapshot from the Quote Server and the RE has already targeted this quote (identified by

EDGX consumes Direct Feeds from EDGA, BZX and BYX.

venue, symbol, price, quantity and time stamp), then the RE will subtract the routed quantity of in-flight orders from the quote size displayed in the market data snapshot. The RE will route an order for the remaining quantity to the venue. If there are no residual shares, the RE will bypass the quote.

The RE also utilizes responses from other venues displaying protected quotes in its routing methodology. When the RE receives a response from a venue that does not completely fill the order targeting a quote, and no subsequent quote update has been received from that venue at the same price level, the RE will mark that venue's quote as stale at that price level. Absent additional quote updates from that venue, the RE will bypass the quote for one (1) second. After one second, if the quote is still included in the market data snapshot, the RE will target the quote again.

Regulatory Compliance

Locked or Crossed Markets. The ME determines whether the display of an order would lock or cross the market. At the time an order is entered into the ME, the ME will establish, based upon the prevailing top-of-book quotes of other exchanges displaying protected quotes received from the SIP feeds, whether the order will lock or cross the prevailing NBBO for a security. In the event that the order would produce a locking or crossing condition, the ME will cancel the order, re-price¹⁴ the order or route the order

Question 11 of the "Division of Market Regulation: Responses to Frequently Asked Questions Concerning Rule 611 and Rule 610 of Regulation NMS" describes routing practices in the context of stale quotes, <u>available at http://www.sec.gov/divisions/marketreg/rule611faq.pdf.</u>

^{14 &}lt;u>See</u> Exchange Rule 11.5(c)(4).

based on the Member's instructions. Two exceptions to this logic are Day ISOs and declarations of self-help.

Pursuant to Regulation NMS, when an Exchange receives a Day ISO, the sender of the ISO retains the responsibility to comply with applicable rules relating to locked and crossed markets.¹⁵ In such case, the Exchange is obligated only to display a Day ISO order at the Member's price, even if such price would lock or cross the market.¹⁶

Declarations of self-help occur when the RE detects that an exchange displaying protected quotes is slow or non-responsive to the Exchange's routed orders. In this circumstance, according to Rule 611(b) of Regulation NMS, the Exchange may display a quotation that may lock or cross quotations from the market where the quotation that it may lock or cross is displayed by the market that the Exchange invoked self-help against. The ME and RE, when they take their market data snapshots, maintain logic that will ignore the quotes generated from the self-helped market in their calculations of the NBBO for execution and routing determinations in compliance with Regulation NMS. The Exchange will also disable all routing to the self-helped market. The ME and Quote Server will continue to consume the self-helped market center's quotes; however, in order to immediately include the quote in the NBBO calculation and enable routing once self-help is revoked. As described above, the Exchange will include quotes from

See supra note 7

See supra note 7.

See also Question 5.03 in the "Division of Trading and Markets, Responses to Frequently Asked Questions Concerning Rule 611 and Rule 610 of Regulation NMS" (last updated April 4, 2008) available at http://www.sec.gov/divisions/marketreg/nmsfaq610-11.htm.

the self-helped market for re-pricing purposes such as pegged orders.

shall establish, maintain, and enforce written policies and procedures that are reasonably designed to prevent trade-throughs on trading centers of protected quotations in NMS stocks that do not fall within a valid exception and, if relying on such an exception, that are reasonably designed to ensure compliance with the terms of the exception. The ME will not permit an execution on the Exchange if there are better-priced protected quotations displayed in the market unless the order is an ISO. At the time an order is entered into the ME, the ME uses the view of the NBBO as described above. If the NBBO is priced better than what is resident on the Exchange, the Exchange will not match such order on the EDGX Book, and based on the Member's instructions, the ME will cancel the order, re-price the order or route the order.

Regulation SHO. The Exchange cannot execute a Short Sale Order¹⁸ equal to or below the current National Best Bid ("NBB") when a short sale price restriction is in effect pursuant to Rule 201 of Regulation SHO ("Short Sale Circuit Breaker").¹⁹ When a

See Exchange Rule 11.15.

¹⁷ CFR 242.200(g); 17 CFR 242.201. On February 26, 2010, the Commission adopted amendments to Regulation SHO under the Act in the form of Rule 201, pursuant to which, among other things, short sale orders in covered securities generally cannot be executed or displayed by a trading center, such as the Exchange, at a price that is at or below the current NBB when a Short Sale Circuit Breaker is in effect for the covered security. See Securities Exchange Act Release No. 61595 (February 26, 2010), 75 FR 11232 (March 10, 2010). In connection with the adoption of Rule 201, Rule 200(g) of Regulation SHO was also amended to include a "short exempt" marking requirement. See also Securities Exchange Act Release No. 63247 (November 4, 2010), 75 FR 68702 (November 9, 2010) (extending the compliance date for Rules 201 and 200(g) to February 28, 2011). See also Division of Trading & Markets: Responses to Frequently Asked

Short Sale Circuit Breaker is in effect, the Exchange utilizes information received from the SIP feeds and a view of the EDGX Book to assess its compliance with Rule 201 of Regulation SHO. The NBBO used for compliance with Rule 201 of Regulation SHO includes quotes from market centers against which the Exchange has declared self-help.

Latent or Inaccurate Direct Feeds. Where the Exchange's systems detect problems with one or more Direct Feeds, the Quote Server can manually fail over to the SIP feed to calculate the NBBO for the market center(s) where the applicable Direct Feed is experiencing issues. In order to make this determination, the Quote Server continuously polls every Direct Feed line and generates an email alert if the difference between a quote's sent time (as stamped by the sending market) and the time of receipt by the Exchange exceeds one (1) second.

2. Statutory Basis

The Exchange believes that its proposal is consistent with Section 6(b) of the Act²⁰ in general, and furthers the objectives of Section 6(b)(5) of the Act²¹ in particular, in that it is designed to promote just and equitable principles of trade, to foster cooperation and coordination with persons engaged in 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 does not believe that this proposal will permit unfair discrimination among customers, brokers, or dealers because it will be available to all

Questions Concerning Rule 201 of Regulation SHO, www.sec.gov/divisions/marketreg/rule201faq.htm.

²⁰ 15 U.S.C. 78f(b).

²¹ 15 U.S.C. 78f(b)(5).

Users.

The Exchange believes that its proposal to describe the Exchange's use of data feeds removes impediments to and perfects the mechanism of a free and open market and protects investors and the public interest because it provides additional specificity and transparency. The Exchange's proposal will enable investors to better assess the quality of the Exchange's execution and routing services. The proposal does not change the operation of the Exchange or its use of data feeds; rather it describes how, and for what purposes, the Exchange uses the quotes disseminated from data feeds to calculate the NBBO for a security for purposes of Regulation NMS, Regulation SHO and various order types that update based on changes to the applicable NBBO. The Exchange believes the additional transparency into the operation of the Exchange as described in the proposal will remove impediments to and perfect the mechanism of a free and open market and a national market system, and, in general, protect investors and the public interest.

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

The Exchange does not believe that the proposal will impose any burden on competition not necessary or appropriate in furtherance of the purposes of the Act. On the contrary, the Exchange believes the proposal would enhance competition because describing the Exchange's use of data feeds enhances transparency and enables investors to better assess the quality of the Exchange's execution and routing services.

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

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

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

The foregoing rule change has become effective pursuant to Section 19(b)(3)(A)²² of the Act and Rule 19b-4(f)(6)²³ thereunder. The proposed rule change effects a change that (A) does not significantly affect the protection of investors or the public interest; (B) does not impose any significant burden on competition; and (C) by its terms, does not become operative for thirty (30) days after the date of the filing, or such shorter time as the Commission may designate if consistent with the protection of investors and the public interest; provided that the self-regulatory organization has given the Commission written notice of its intent to file the proposed rule change, along with a brief description and text of the proposed rule change, at least five business days prior to the date of filing of the proposed rule change, or such shorter time as designated by the Commission.²⁴ The Exchange requests the Commission waive the requirement of written notice of its intent to file the proposed rule change five (5) business days prior to the date of filing so that the proposal can be filed immediately.

The Exchange believes that the proposed rule change meets the criteria of subparagraph (f)(6) of Rule 19b-4²⁵ because the proposed rule change would not significantly affect investors or the public interest or impose a significant burden on competition because it provides: (i) additional specificity and transparency regarding the Exchange's use of data feeds; and (ii) enables investors to better assess the quality of the

²² 15 U.S.C. 78s(b)(3)(A).

²³ 17 CFR 240.19b-4(f)(6).

²⁴ 17 CFR 240.19b-4(f)(6)(iii).

²⁵ 17 CFR 240.19b-4(f)(6).

Exchange's execution and routing services. Based on the foregoing, the Exchange has designated this rule filing as non-controversial under Section 19(b)(3)(A) of the Act²⁶ and paragraph (f)(6) of Rule 19b-4 thereunder.²⁷

At any time within sixty (60) days of the filing of such proposed rule change, the Commission may summarily temporarily suspend such rule change if it appears to the Commission that such action is necessary or appropriate in the public interest, for the protection of investors, or otherwise in furtherance of the purposes of the Act.

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-EDGX-2014-20 on the subject line.

Paper comments:

 Send paper comments in triplicate to Elizabeth M. Murphy, Secretary, Securities and Exchange Commission, 100 F Street, NE, Washington, DC 20549-1090.

All submissions should refer to File Number SR-EDGX-2014-20. This file number should be included on the subject line if e-mail is used. To help the Commission process

²⁶ 15 U.S.C. 78s(b)(3)(A).

²⁷ 17 CFR 240.19b-4(f)(6).

and review your comments more efficiently, please use only one method. The Commission will post all comments on the Commission's Internet website (http://www.sec.gov/rules/sro.shtml). Copies of the submission, all subsequent amendments, all written statements with respect to the proposed rule change that are filed with the Commission, and all written communications relating to the proposed rule change between the Commission and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for website viewing and printing in the Commission's Public Reference Room, 100 F Street, NE, Washington, DC 20549, on official business days between the hours of 10:00 a.m. and 3:00 p.m. Copies of the filing also will be available for inspection and copying at the principal office of the Exchange. All comments received will be posted without change; the Commission does not edit personal identifying information from submissions. You should submit only information that you wish to make available publicly. All submissions should refer to File Number SR-EDGX-2014-20 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. 28

Kevin M. O'Neill Deputy Secretary

28