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Filing by Cboe EDGX Exchange, Inc.
 Pursuant to Rule 19b-4 under the Securities Exchange Act of 1934

Initial * <input checked="" type="checkbox"/>	Amendment * <input type="checkbox"/>	Withdrawal <input type="checkbox"/>	Section 19(b)(2) * <input type="checkbox"/>	Section 19(b)(3)(A) * <input checked="" type="checkbox"/>	Section 19(b)(3)(B) * <input type="checkbox"/>
Pilot <input type="checkbox"/>			Rule		
Extension of Time Period for Commission Action * <input type="checkbox"/>		Date Expires * <input type="text"/>	<input type="checkbox"/> 19b-4(f)(1)	<input type="checkbox"/> 19b-4(f)(4)	
			<input type="checkbox"/> 19b-4(f)(2)	<input type="checkbox"/> 19b-4(f)(5)	
			<input type="checkbox"/> 19b-4(f)(3)	<input checked="" type="checkbox"/> 19b-4(f)(6)	

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

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

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

The Exchange proposes to amend the CAT Compliance Rule to be consist with certain proposed amendments to and exemptions from the CAT NMS Plan as well as to facilitate the retirement of certain existing regulatory systems.

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 * Laura Last Name * Dickman
 Title * VP, Associate General Counsel
 E-mail * ldickman@cboe.com
 Telephone * (312) 786-7572 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 *)
 VP, Associate General Counsel

Date 06/22/2020
 By Laura G. Dickman
 (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.

ldickman@cboe.com

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

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

Form 19b-4 Information *

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The self-regulatory organization must provide all required information, presented in a clear and comprehensible manner, to enable the public to provide meaningful comment on the proposal and for the Commission to determine whether the proposal is consistent with the Act and applicable rules and regulations under the Act.

Exhibit 1 - Notice of Proposed Rule Change *

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The Notice section of this Form 19b-4 must comply with the guidelines for publication in the Federal Register as well as any requirements for electronic filing as published by the Commission (if applicable). The Office of the Federal Register (OFR) offers guidance on Federal Register publication requirements in the Federal Register Document Drafting Handbook, October 1998 Revision. For example, all references to the federal securities laws must include the corresponding cite to the United States Code in a footnote. All references to SEC rules must include the corresponding cite to the Code of Federal Regulations in a footnote. All references to Securities Exchange Act Releases must include the release number, release date, Federal Register cite, Federal Register date, and corresponding file number (e.g., SR-[SRO]-xx-xx). A material failure to comply with these guidelines will result in the proposed rule change being deemed not properly filed. See also Rule 0-3 under the Act (17 CFR 240.0-3)

Exhibit 1A- Notice of Proposed Rule Change, Security-Based Swap Submission, or Advance Notice by Clearing Agencies *

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The Notice section of this Form 19b-4 must comply with the guidelines for publication in the Federal Register as well as any requirements for electronic filing as published by the Commission (if applicable). The Office of the Federal Register (OFR) offers guidance on Federal Register publication requirements in the Federal Register Document Drafting Handbook, October 1998 Revision. For example, all references to the federal securities laws must include the corresponding cite to the United States Code in a footnote. All references to SEC rules must include the corresponding cite to the Code of Federal Regulations in a footnote. All references to Securities Exchange Act Releases must include the release number, release date, Federal Register cite, Federal Register date, and corresponding file number (e.g., SR-[SRO]-xx-xx). A material failure to comply with these guidelines will result in the proposed rule change, security-based swap submission, or advance notice being deemed not properly filed. See also Rule 0-3 under the Act (17 CFR 240.0-3)

Exhibit 2 - Notices, Written Comments, Transcripts, Other Communications

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Exhibit Sent As Paper Document

Copies of notices, written comments, transcripts, other communications. If such documents cannot be filed electronically in accordance with Instruction F, they shall be filed in accordance with Instruction G.

Exhibit 3 - Form, Report, or Questionnaire

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Exhibit Sent As Paper Document

Copies of any form, report, or questionnaire that the self-regulatory organization proposes to use to help implement or operate the proposed rule change, or that is referred to by the proposed rule change.

Exhibit 4 - Marked Copies

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The full text shall be marked, in any convenient manner, to indicate additions to and deletions from the immediately preceding filing. The purpose of Exhibit 4 is to permit the staff to identify immediately the changes made from the text of the rule with which it has been working.

Exhibit 5 - Proposed Rule Text

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The self-regulatory organization may choose to attach as Exhibit 5 proposed changes to rule text in place of providing it in Item I and which may otherwise be more easily readable if provided separately from Form 19b-4. Exhibit 5 shall be considered part of the proposed rule change.

Partial Amendment

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If the self-regulatory organization is amending only part of the text of a lengthy proposed rule change, it may, with the Commission's permission, file only those portions of the text of the proposed rule change in which changes are being made if the filing (i.e. partial amendment) is clearly understandable on its face. Such partial amendment shall be clearly identified and marked to show deletions and additions.

Item 1. Text of the Proposed Rule Change

(a) Cboe EDGX Exchange, Inc. (the “Exchange” or “Cboe EDGX”) proposes to amend certain Rules within Rules 4.5 through 4.16, which contain the Exchange’s compliance rule (“Compliance Rule”) regarding the National Market System Plan Governing the Consolidated Audit Trail (the “CAT NMS Plan” or “Plan”),¹ to be consistent with certain proposed amendments to and exemptions from the CAT NMS Plan as well as to facilitate the retirement of certain existing regulatory systems. The text of the proposed rule change is provided in Exhibit 5.

(b) Not applicable.

(c) Not applicable.

Item 2. Procedures of the Self-Regulatory Organization

(a) The Exchange’s Chief Regulatory Officer pursuant to delegated authority approved the proposed rule change on June 18, 2020.

(b) Please refer questions and comments on the proposed rule change to Pat Sexton, Executive Vice President, General Counsel, and Corporate Secretary, (312) 786-7467, or Laura G. Dickman, (312) 786-7572, Cboe EDGX Exchange, Inc., 400 South LaSalle, Chicago, Illinois 60605.

Item 3. Self-Regulatory Organization’s Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

(a) Purpose

The purpose of this proposed rule change is to amend the Consolidated Audit Trail (“CAT”) Compliance Rule in Rules 4.5 through 4.16 to be consistent with certain

¹ Unless otherwise specified, capitalized terms used in this rule filing are defined as set forth in the Compliance Rule.

proposed amendments to and exemptions from the CAT NMS Plan as well as to facilitate the retirement of certain existing regulatory systems. As described more fully below, the proposed rule change would make the following changes to the Compliance Rule:

- Add additional data elements to the consolidated audit trail (“CAT”) reporting requirements for Industry Members to facilitate the retirement of the Financial Industry Regulatory Authority, Inc.’s (“FINRA”) Order Audit Trail System (“OATS”);
- Add additional data elements related to OTC Equity Securities that FINRA currently receives from alternative trading systems (“ATs”) that trade OTC Equity Securities for regulatory oversight purposes to the CAT reporting requirements for Industry Members;
- Implement a phased approach for Industry Member reporting to the CAT (“Phased Reporting”);
- To the extent that any Industry Member’s order handling or execution systems utilize time stamps in increments finer than milliseconds, revise the timestamp granularity requirement to require such Industry Member to record and report Industry Member Data to the Central Repository with time stamps in such finer increment up to nanoseconds;
- Require Introducing Industry Members (as defined below) to comply with the requirements of the CAT NMS Plan applicable to Small Industry Members;
- Revise the CAT reporting requirements so Industry Members would not be required to report to the Central Repository dates of birth, “individual tax payer

identification number (“ITIN”)/ social security number (“SSN”)” (collectively, referred to as “SSNs”) or account numbers; and

- Revise the CAT reporting requirements regarding cancelled trades and SRO- Assigned Market Participant Identifiers of clearing brokers, if applicable, in connection with order executions, as such information will be available from FINRA’s trade reports submitted to the CAT.

i. CAT-OATS Data Gaps

The Participants have worked to identify gaps between data reported to existing systems and data to be reported to the CAT to “ensure that by the time Industry Members are required to report to the CAT, the CAT will include all data elements necessary to facilitate the rapid retirement of duplicative systems.”² As a result of this process, the Participants identified several data elements that must be included in the CAT reporting requirements before existing systems can be retired. In particular, the Participants identified certain data elements that are required by OATS, but not currently enumerated in the CAT NMS Plan. Accordingly, the Exchange proposes to amend its Compliance Rule to include these OATS data elements in the CAT. Each of such OATS data elements are discussed below. With the addition of these OATS data elements to the CAT, the CAT will have the data elements necessary to retire OATS.

A. Information Barrier Identification

² Letter from Participants to Brent J. Fields, Secretary, SEC, re: File Number 4-698; Notice of Filing of the National Market System Plan Governing the Consolidated Audit Trail (September 23, 2016) at 21 (“Participants’ Response to Comments”) (available at <https://www.sec.gov/comments/4-698/4698-32.pdf>).

The FINRA OATS rules require OATS Reporting Members³ to record the identification of information barriers for certain order events, including when an order is received or originated, transmitted to a department within the OATS Reporting Member, and when it is modified. The Participants propose to amend the Compliance Rule to incorporate these requirements into the CAT.

Specifically, FINRA Rule 7440(b)(20) requires a FINRA OATS Reporting Member to record the following when an order is received or originated: “if the member is relying on the exception provided in Rule 5320.02 with respect to the order, the unique identification of any appropriate information barriers in place at the department within the member where the order was received or originated.”⁴ The Compliance Rule does not require Industry Members to report such information barrier information. To address this OATS-CAT data gap, the Exchange proposes to add new paragraph (a)(1)(A)(7) to Rule 4.7, which would require Industry Members to record and report to the Central Repository, for original receipt or origination of an order, “the unique identification of any appropriate information barriers in place at the department within the Industry Member where the order was received or originated.”

In addition, FINRA Rule 7440(c)(1) states that “[w]hen a Reporting Member transmits an order to a department within the member, the Reporting Member shall record: . . . (H) if the member is relying on the exception provided in Rule 5320.02 with respect to the order, the unique identification of any appropriate information barriers in place at the department within the member to which the order was transmitted.” The Compliance Rule does not require Industry Members to report such information barrier

³ An OATS “Reporting Member” is defined in FINRA Rule 7410(o).

⁴ FINRA Rule 5320 prohibits trading ahead of customer orders.

information. To address this OATS-CAT data gap, the Exchange proposes to revise paragraph (a)(1)(B)(6) of Rule 4.7 to require, for the routing of an order, if routed internally at the Industry Member, “the unique identification of any appropriate information barriers in place at the department within the Industry Member to which the order was transmitted.”

FINRA Rule 7440(c)(2)(B) and 7440(c)(4)(B) require an OATS Reporting Member that receives an order transmitted from another member to report the unique identification of any appropriate information barriers in place at the department within the member to which the order was transmitted. The Compliance Rule not require Industry Members to report such information barrier information. To address this OATS-CAT data gap, the Exchange proposes to add new paragraph (a)(1)(C)(7) to Rule 4.7, which would require Industry Members to record and report to the Central Repository, for the receipt of an order that has been routed, “the unique identification of any appropriate information barriers in place at the department within the Industry Member which received the order.”

FINRA Rule 7440(d)(1) requires an OATS Reporting Member that modifies or receives a modification to the terms of an order to report the unique identification of any appropriate information barriers in place at the department within the member to which the modification was originated or received. The Compliance Rule does not require Industry Members to report such information barrier information. To address this OATS-CAT data gap, the Exchange proposes to add new paragraph (a)(1)(D)(7) to Rule 4.7, which would require Industry Members to record and report to the Central Repository, if the order is modified or cancelled, “the unique identification of any appropriate

information barriers in place at the department within the Industry Member which received or originated the modification.”

B. Reporting Requirements for ATs

Under FINRA Rule 4554, ATs that receive orders in NMS stocks are required to report certain order information to OATS, which FINRA uses to reconstruct ATs order books and perform order-based surveillance, including layering, spoofing, and mid-point pricing manipulation surveillance.⁵ The Participants believe that Industry Members operating ATs – whether such ATs trade NMS stocks or OTC Equity Securities – should likewise be required to report this information to the CAT. Because ATs that trade NMS stocks are already recording this information and reporting it to OATS, the Participants believe that reporting the same information to the CAT should impose little burden on these ATs. Moreover, including this information in the CAT is also necessary for FINRA to be able to retire the OATS system. The Participants similarly believe that obtaining the same information from ATs that trade OTC Equity Securities will be important for purposes of reconstructing ATs order books and surveillance. Accordingly, the Exchange proposes to add to the data reporting requirements in the

⁵ See FINRA *Regulatory Notice* 16-28 (August 2016).

Compliance Rule the reporting requirements for ATSs in FINRA Rule 4554,⁶ but to expand such requirements so that they are applicable to all ATSs rather than solely to ATSs that trade NMS stocks.

(i) New Definition

The Exchange proposes to add a definition of “ATS” to new paragraph (d) of Rule 4.5 to facilitate the addition to the CAT of the reporting requirements for ATSs set forth in FINRA Rule 4554. The Exchange proposes to define an “ATS” to mean “an alternative trading system, as defined in Rule 300(a)(1) of Regulation ATS under the Exchange Act.”

(ii) ATS Order Type

FINRA Rule 4554(b)(5) requires the following information to be recorded and reported to FINRA by ATSs when reporting receipt of an order to OATS:

A unique identifier for each order type offered by the ATS. An ATS must provide FINRA with (i) a list of all of its order types 20 days before such order types become effective and (ii) any changes to its order types 20 days before such changes become effective. An identifier shall not be

⁶ FINRA Rule 4554 was approved by the SEC on May 10, 2016, while the CAT NMS Plan was pending with the Commission. *See* Securities Exchange Act Release No. 77798 (May 10, 2016), 81 Fed. Reg. 30395 (May 16, 2016) (Order Approving SR-FINRA-2016-010). As noted in the Participants’ Response to Comments, throughout the process of developing the Plan, the Participants worked to keep the gap analyses for OATS, electronic blue sheets, and the CAT up-to-date, which included adding data fields related to the tick size pilot and ATS order book amendments to the OATS rules. *See* Participants’ Response to Comments at 21. However, due to the timing of the expiration of the tick size pilot, the Participants decided not to include those data elements into the CAT NMS Plan.

required for market and limit orders that have no other special handling instructions.

The Compliance Rule does not require Industry Members to report such order type information to the Central Repository. To address this OATS-CAT data gap, the Exchange proposes to incorporate these requirements into four new provisions to the Compliance Rule: paragraphs (a)(1)(A)(11)(a), (a)(1)(C)(10)(a), (a)(1)(D)(9)(a) and (a)(2)(D) of Rule 4.7.

Proposed paragraph (a)(1)(A)(11)(a) of Rule 4.7 would require an Industry Member that operates an ATS to record and report to the Central Repository for the original receipt or origination of an order “the ATS’s unique identifier for the order type of the order.” Proposed paragraph (a)(1)(C)(10)(a) of Rule 4.7 would require an Industry Member that operates an ATS to record and report to the Central Repository for the receipt of an order that has been routed “the ATS’s unique identifier for the order type of the order.” Proposed paragraph (a)(1)(D)(9)(a) of Rule 4.7 would require an Industry Member that operates an ATS to record and report to the Central Repository if the order is modified or cancelled “the ATS’s unique identifier for the order type of the order.” Furthermore, as with the requirements in FINRA Rule 4554(b)(5), proposed paragraph (a)(2)(D) of Rule 4.7 would state that:

An Industry Member that operates an ATS must provide to the Central Repository: (1) a list of all of its order types twenty (20) days before such order types become effective; and (2) any changes to its order types twenty (20) days before such changes become effective. An identifier

shall not be required for market and limit orders that have no other special handling instructions.

(iii) National Best Bid and Offer

FINRA Rules 4554(b)(6) and (7) require the following information to be recorded and reported to FINRA by ATSS when reporting receipt of an order to OATS:

(6) The NBBO (or relevant reference price) in effect at the time of order receipt and the timestamp of when the ATS recorded the effective NBBO (or relevant reference price); and

(7) Identification of the market data feed used by the ATS to record the NBBO (or other reference price) for purposes of subparagraph (6). If for any reason, the ATS uses an alternative feed than what was reported on its ATS data submission, the ATS must notify FINRA of the fact that an alternative source was used, identify the alternative source, and specify the date(s), time(s) and securities for which the alternative source was used.

Similarly, FINRA Rule 4554(c) requires the following information to be recorded and reported to FINRA by ATSS when reporting the execution of an order to OATS:

(1) The NBBO (or relevant reference price) in effect at the time of order execution;

(2) The timestamp of when the ATS recorded the effective NBBO (or relevant reference price); and

(3) Identification of the market data feed used by the ATS to record the NBBO (or other reference price) for purposes of subparagraph (1). If for any reason, the ATS uses an alternative feed than what was reported on

its ATS data submission, the ATS must notify FINRA of the fact that an alternative source was used, identify the alternative source, and specify the date(s), time(s) and securities for which the alternative source was used.

The Compliance Rule does not require Industry Members to report such NBBO information to the Central Repository. To address this OATS-CAT data gap, the Exchange proposes to incorporate these requirements into four new provisions to the Compliance Rule: (a)(1)(A)(11)(b)-(c), (a)(1)(C)(10)(b)-(c), (a)(1)(D)(9)(b)-(c) and (a)(1)(E)(8)(a)-(b) of Rule 4.7.

Specifically, proposed paragraph (a)(1)(A)(11)(b)-(c) of Rule 4.7 would require an Industry Member that operates an ATS to record and report to the Central Repository the following information when reporting the original receipt or origination of order:

- (2) the National Best Bid and National Best Offer (or relevant reference price) at the time of order receipt or origination, and the date and time at which the ATS recorded such National Best Bid and National Best Offer (or relevant reference price);
- (3) the identification of the market data feed used by the ATS to record the National Best Bid and National Best Offer (or relevant reference price) for purposes of subparagraph (11)(b). If for any reason the ATS uses an alternative market data feed than what was reported on its ATS data submission, the ATS must provide notice to the Central Repository of the fact that an alternative source was used, identify the alternative source, and specify the date(s), time(s) and securities for which the alternative source was used.

Similarly, proposed paragraphs (a)(1)(C)(10)(b)-(c), (a)(1)(D)(9)(b)-(c) and (a)(1)(E)(8)(a)-(b) of Rule 4.7 would require an Industry Member that operates an ATS to record and report to the Central Repository the same information when reporting receipt of an order that has been routed, when reporting if the order is modified or cancelled, and when an order has been executed, respectively.

(iv) Sequence Numbers

FINRA Rule 4554(d) states that “[f]or all OATS-reportable event types, all ATSs must record and report to FINRA the sequence number assigned to the order event by the ATS’s matching engine.” The Compliance Rule does not require Industry Members to report ATS sequence numbers to the Central Repository. To address this OATS-CAT data gap, the Exchange proposes to incorporate this requirement regarding ATS sequence numbers into each of the Reportable Events for the CAT. Specifically, the Exchange proposes to add proposed paragraph (a)(1)(A)(11)(d) to Rule 4.7, which would require an Industry Member that operates an ATS to record and report to the Central Repository “the sequence number assigned to the receipt or origination of the order by the ATS’s matching engine.” The Exchange proposes to add proposed paragraph (a)(1)(B)(8) to Rule 4.7, which would require an Industry Member that operates an ATS to record and report to the Central Repository “the sequence number assigned to the routing of the order by the ATS’s matching engine.” The Exchange also proposes to add proposed paragraph (a)(1)(C)(10)(d) to Rule 4.7, which would require an Industry Member that operates an ATS to record and report to the Central Repository “the sequence number assigned to the receipt of the order by the ATS’s matching engine.” In addition, the Exchange proposes to add proposed paragraph (a)(1)(D)(9)(d) to Rule 4.7, which would

require an Industry Member that operates an ATS to record and report to the Central Repository “the sequence number assigned to the modification or cancellation of the order by the ATS’s matching engine.” Finally, the Exchange proposes to add proposed paragraph (a)(1)(E)(8)(c) to Rule 4.7, which would require an Industry Member that operates an ATS to record and report to the Central Repository “the sequence number assigned to the execution of the order by the ATS’s matching engine.”

(v) Modification or Cancellation of Orders by ATSS

FINRA Rule 4554(f) states that “[f]or an ATS that displays subscriber orders, each time the ATS’s matching engine re-prices a displayed order or changes the display quantity of a displayed order, the ATS must report to OATS the time of such modification,” and “the applicable new display price or size.” The Exchange proposes adding a comparable requirement into new paragraph (a)(1)(D)(9)(e) to Rule 4.7. Specifically, proposed new paragraph (a)(1)(D)(9)(e) of Rule 4.7 would require an Industry Member that operates an ATS to report to the Central Repository, if the order is modified or cancelled, “each time the ATS’s matching engine re-prices an order or changes the quantity of an order,” the ATS must report to the Central Repository “the time of such modification, and the applicable new price or size.” Proposed paragraph (a)(1)(D)(9)(e) of Rule 4.7 would apply to all ATSS, not just ATSS that display orders.

(vi) Display of Subscriber Orders

FINRA Rule 4554(b)(1) requires the following information to be recorded and reported to FINRA by ATSS when reporting receipt of an order to OATS:

Whether the ATS displays subscriber orders outside the ATS (other than to alternative trading system employees). If an ATS does display

subscriber orders outside the ATS (other than to alternative trading system employees), indicate whether the order is displayed to subscribers only or through publicly disseminated quotation data);

The Compliance Rule does not require Industry Members to report to the CAT such information about the displaying of subscriber orders. The Exchange proposes to add comparable requirements into proposed paragraphs (a)(1)(A)(11)(e) and (a)(1)(C)(10)(e) of Rule 4.7. Specifically, proposed paragraph (a)(1)(A)(11)(e) would require an Industry Member that operates an ATS to report to the Central Repository, for the original receipt or origination of an order,

whether the ATS displays subscriber orders outside the ATS (other than to alternative trading system employees). If an ATS does display subscriber orders outside the ATS (other than to alternative trading system employees), indicate whether the order is displayed to subscribers only or through publicly disseminated quotation data.

Similarly, proposed paragraph (a)(1)(C)(10)(e) of Rule 4.7 would require an Industry Member that operates an ATS to record and report to the Central Repository the same information when reporting receipt of an order that has been routed.

C. Customer Instruction Flag

FINRA Rule 7440(b)(14) requires a FINRA OATS Reporting Member to record the following when an order is received or originated: “any request by a customer that a limit order not be displayed, or that a block size limit order be displayed, pursuant to applicable rules.” The Compliance Rule does not require Industry Members to report to

the CAT such a customer instruction flag. To address this OATS-CAT data gap, the Exchange proposes to add paragraph (a)(1)(A)(8) to Rule 4.7, which would require Industry Members to record and report to the Central Repository, for original receipt or origination of an order, “any request by a Customer that a limit order not be displayed, or that a block size limit order be displayed, pursuant to applicable rules.” The Exchange also proposes to add paragraph (a)(1)(C)(9) to Rule 4.7, which would require Industry Members to record and report to the Central Repository, for the receipt of an order that has been routed, “any request by a Customer that a limit order not be displayed, or that a block size limit order be displayed, pursuant to applicable rules.”

FINRA Rule 7440(d)(1) requires an OATS Reporting Member that modifies or receives a modification of an order to report the customer instruction flag. The Compliance Rule does not require Industry Members to report such a customer instruction flag. To address this OATS-CAT data gap, the Exchange proposes to add paragraph (a)(1)(D)(8) to Rule 4.7 which would require Industry Members to record and report to the Central Repository, if the order is modified or cancelled, “any request by a Customer that a limit order not be displayed, or that a block size limit order be displayed, pursuant to applicable rules.”

D. Department Type

FINRA Rules 7440(b)(4) and (5) require an OATS Reporting Member that receives or originates an order to record the following information: “the identification of any department or the identification number of any terminal where an order is received directly from a customer” and “where the order is originated by a Reporting Member, the identification of the department of the member that originates the order.” The

Compliance Rule does not require Industry Members to report to the CAT information regarding the department or terminal where the order is received or originated. To address this OATS-CAT data gap, the Exchange proposes to add paragraph (a)(1)(A)(9) to Rule 4.7, which would require Industry Members to record and report to the Central Repository upon the original receipt or origination of an order “the nature of the department or desk that originated the order, or received the order from a Customer.”

Similarly, per FINRA Rules 7440(c)(2)(B) and (4)(B), when an OATS Reporting Member receives an order that has been transmitted by another Member, the receiving OATS Reporting Member is required to record the information required in 7440(b)(4) and (5) described above as applicable. The Compliance Rule does not require Industry Members to report to the CAT information regarding the department that received an order. To address this OATS-CAT data gap, the Exchange propose to add paragraph (a)(1)(C)(8) to Rule 4.7 which would require Industry Members to record and report to the Central Repository upon the receipt of an order that has been routed “the nature of the department or desk that received the order.”

E. Account Holder Type

FINRA Rule 7440(b)(18) requires an OATS Reporting Member that receives or originates an order to record the following information: “the type of account, i.e., retail, wholesale, employee, proprietary, or any other type of account designated by FINRA, for which the order is submitted.” The Compliance Rule does not require Industry Members to report to the CAT information regarding the type of account holder for which the order is submitted. To address this OATS-CAT data gap, the Exchange proposes to add paragraph (a)(1)(A)(10) to Rule 4.7, which would require Industry Members to record

and report to the Central Repository upon the original receipt or origination of an order “the type of account holder for which the order is submitted.”

ii. OTC Equity Securities

The Participants have identified several data elements related to OTC Equity Securities that FINRA currently receives from ATSS that trade OTC Equity Securities for regulatory oversight purposes, but are not currently included in CAT Data. In particular, the Participants identified three data elements that need to be added to the CAT: (1) bids and offers for OTC Equity Securities; (2) a flag indicating whether a quote in OTC Equity Securities is solicited or unsolicited; and (3) unpriced bids and offers in OTC Equity Securities. The Participants believe that such data will continue to be important for regulators to oversee the OTC Equity Securities market when using the CAT. Moreover, the Participants do not believe that the proposed requirement would burden ATSS because they currently report this information to FINRA and thus the reporting requirement would merely shift from FINRA to the CAT. Accordingly, as discussed below, the Exchange proposes to amend its Compliance Rule to include these data elements.

A. Bids and Offers for OTC Equity Securities

In performing its current regulatory oversight, FINRA receives a data feed of the best bids and offers in OTC Equity Securities from ATSS that trade OTC Equity Securities. These best bid and offer data feeds for OTC Equity Securities are similar to the best bid and offer SIP Data required to be collected by the Central Repository with regard to NMS Securities.⁷ Accordingly, the Exchange proposes to add paragraph (f)(1)

⁷ Section 6.5(a)(ii) of the CAT NMS Plan.

to Rule 4.7 to require the reporting of the best bid and offer data feeds for OTC Equity Securities to the CAT. Specifically, proposed paragraph (f)(1) of Rule 4.7 would require each Industry Member that operates an ATS that trades OTC Equity Securities to provide to the Central Repository “the best bid and best offer for each OTC Equity Security traded on such ATS.”

B. Unsolicited Bid or Offer Flag

FINRA also receives from ATSS that trade OTC Equity Securities an indication whether each bid or offer in OTC Equity Securities on such ATS was solicited or unsolicited. Therefore, the Exchange proposes to add paragraph (f)(2) to Rule 4.7 to require the reporting to the CAT of an indication as to whether a bid or offer was solicited or unsolicited. Specifically, proposed paragraph (f)(2) of Rule 4.7 would require each Industry Member that operates an ATS that trades OTC Equity Securities to provide to the Central Repository “an indication of whether each bid and offer for OTC Equity Securities was solicited or unsolicited.”

C. Unpriced Bids and Offers

FINRA receives from ATSS that trade OTC Equity Securities certain unpriced bids and offers for each OTC Equity Security traded on the ATS. Therefore, the Exchange proposes to add paragraph (f)(3) to Rule 4.7, which would require each Industry Member that operates an ATS that trades OTC Equity Securities to provide to the Central Repository “the unpriced bids and offers for each OTC Equity Security traded on such ATS.”

iii. Revised Industry Member Reporting Timeline

On February 19, 2020, the Participants filed with the Commission a request for exemptive relief from certain provisions of the CAT NMS Plan to allow for the implementation of phased reporting to the CAT by Industry Members (“Phased Reporting”).⁸ Specifically, in their exemptive request, the Participants requested that the SEC exempt each Participant from the requirement in Section 6.7(a)(v) of the CAT NMS Plan for each Participant, through its Compliance Rule, to require its Industry Members other than Small Industry Members (“Large Industry Members”) to report to the Central Repository Industry Member Data within two years of the Effective Date (that is, by November 15, 2018). In addition, the Participants requested that the SEC exempt each Participant from the requirement in Section 6.7(a)(vi) of the CAT NMS Plan for each Participant, through its Compliance Rule, to require its Small Industry Members⁹ to report to the Central Repository Industry Member Data within three years of the Effective Date (that is, by November 15, 2019). Correspondingly, the Participants requested that the SEC provide an exemption from the requirement in Section 6.4 of the CAT NMS Plan that “[t]he requirements for Industry Members under this Section 6.4 shall become effective on the second anniversary of the Effective Date in the case of Industry Members other than Small Industry Members, or the third anniversary of the Effective Date in the case of Small Industry Members.” On April 20, 2020, the SEC granted the Participants

⁸ See Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemption from Provisions of the National Market System Plan Governing the Consolidated Audit Trail related to Industry Member Reporting Dates (Feb. 19, 2020).

⁹ See Section 1.1 of the CAT NMS Plan.

exemptive relief to implement Phased Reporting, subject to certain timeline changes and conditions.¹⁰

As a condition to the exemption, each Participant would implement Phased Reporting through its Compliance Rule by requiring:

(1) its Large Industry Members and its Small Industry Members that are required to record or report information to OATS pursuant to applicable SRO rules (“Small Industry OATS Reporters”) to commence reporting to the Central Repository Phase 2a Industry Member Data by June 22, 2020, and its Small Industry Non-OATS Reporters to commence reporting to the Central Repository Phase 2a Industry Member Data by December 13, 2021;

(2) its Large Industry Members to commence reporting to the Central Repository Phase 2b Industry Member Data by July 20, 2020, and its Small Industry Members to commence reporting to the Central Repository Phase 2b Industry Member Data by December 13, 2021;

(3) its Large Industry Members to commence reporting to the Central Repository Phase 2c Industry Member Data by April 26, 2021, and its Small Industry Members to commence reporting to the Central Repository Phase 2c Industry Member Data by December 13, 2021;

¹⁰ See Securities Exchange Act Release No. 88702 (April 20, 2020), 85 FR 23075 (April 24, 2020). As discussed in the SEC’s exemptive order, the Commission granted the Participants conditional exemptive relief from the CAT NMS Plan so that the Compliance Rules may require Phase 2a reporting to commence on June 22, 2020, rather than the April 20, 2020 date set forth in the exemptive request, and Phase 2b reporting to commence on July 20, 2020, rather than the May 18, 2020 date set forth in the exemptive request. As a condition to the exemptive relief, Industry Members who elect to report to the CAT prior to such dates will be permitted to report to the CAT as early as April 20, 2020 for Phase 2a reporting and as early as May 18, 2020 for Phase 2b reporting.

(4) its Large Industry Members and Small Industry Members to commence reporting to the Central Repository Phase 2d Industry Member Data by December 13, 2021; and

(5) its Large Industry Members and Small Industry Members to commence reporting to the Central Repository Phase 2e Industry Member Data by July 11, 2022. The full scope of CAT Data required under the CAT NMS Plan will be required to be reported when all five phases of the Phased Reporting have been implemented, subject to any applicable exemptive relief or amendments related to the CAT NMS Plan.

As a further condition to the exemption, each Participant proposes to implement the testing timelines described in Section F below through its Compliance Rule by requiring the following:

(1) Industry Member file submission and data integrity testing for Phases 2a and 2b begins in December 2019.

(2) Industry Member testing of the Reporter Portal, including data integrity error correction tools and data submissions, begins in February 2020.

(3) The Industry Member test environment will be open with intra-firm linkage validations to Industry Members for both Phases 2a and 2b in April 2020.

(4) The Industry Member test environment will be open to Industry Members with inter-firm linkage validations for both Phases 2a and 2b in July 2020.

(5) The Industry Member test environment will be open to Industry Members with Phase 2c functionality (full representative order linkages) in January 2021.

(6) The Industry Member test environment will be open to Industry Members with Phase 2d functionality (manual options orders, complex options orders, and options allocations) in June 2021.

(7) Participant exchanges that support options market making quoting will begin accepting Quote Sent Time on quotes from Industry Members no later than April 2020.

(8) The Industry Member test environment (customer and account information) will be open to Industry Members in January 2022.

As a result, the Exchange proposes to amend its Compliance Rule to be consistent with the exemptive relief to implement Phased Reporting as described below.

A. Phase 2a

In the first phase of Phased Reporting, referred to as Phase 2a, Large Industry Members and Small Industry OATS Reporters would be required to report to the Central Repository “Phase 2a Industry Member Data” by June 22, 2020.¹¹ To implement the Phased Reporting for Phase 2a, the Exchange proposes to add paragraph (t)(1) of Rule 4.5 (previously paragraph (s)) and amend paragraphs (c)(1) and (2) of Rule 4.16.

(i) Scope of Reporting in Phase 2a

To implement the Phased Reporting with respect to Phase 2a, the Exchange proposes to add a definition of “Phase 2a Industry Member Data” as paragraph (t)(1) of Rule 4.5. Specifically, the Exchange proposes to define the term “Phase 2a Industry Member Data” as “Industry Member Data required to be reported to the Central

¹¹ Small Industry Members that are not required to record and report information to FINRA’s OATS pursuant to applicable SRO rules (“Small Industry Non-OATS Reporters”) would be required to report to the Central Repository “Phase 2a Industry Member Data” by December 13, 2021, which is approximately seventeen months after Large Industry Members and Small Industry OATS Reporters begin reporting.

Repository commencing in Phase 2a.” Phase 2a Industry Member Data would include Industry Member Data solely related to Eligible Securities that are equities. While the following summarizes categories of Industry Member Data required for Phase 2a, the Industry Member Technical Specifications provide detailed guidance regarding the reporting for Phase 2a.¹²

Phase 2a Industry Member Data would include all events and scenarios covered by OATS. FINRA Rule 7440 describes the OATS requirements for recording information, which includes information related to the receipt or origination of orders, order transmittal, and order modifications, cancellations and executions. Large Industry Members and Small Industry OATS Reporters would be required to submit data to the CAT for these same events and scenarios during Phase 2a. The inclusion of all OATS events and scenarios in the CAT is intended to facilitate the retirement of OATS.

Phase 2a Industry Member Data also would include Reportable Events for:

- proprietary orders, including market maker orders, for Eligible Securities that are equities;
- electronic quotes in listed equity Eligible Securities (*i.e.*, NMS stocks) sent to a national securities exchange or FINRA’s Alternative Display Facility (“ADF”);
- electronic quotes in unlisted Eligible Securities (*i.e.*, OTC Equity Securities) received by an Industry Member operating an interdealer quotation system (“IDQS”); and
- electronic quotes in unlisted Eligible Securities sent to an IDQS or other quotation system not operated by a Participant or Industry Member.

¹² The items required to be reported commencing in Phase 2a do not include the items required to be reported in Phase 2c or Phase 2d, as discussed below.

Phase 2a Industry Member Data would include Firm Designated IDs. During Phase 2a, Industry Members would be required to report Firm Designated IDs to the CAT, as required by paragraphs (a)(1)(A)(1), and (a)(2)(C) of Rule 4.7. Paragraph (a)(1)(A)(1) of Rule 4.7 requires Industry Members to submit the Firm Designated ID for the original receipt or origination of an order. Paragraph (a)(2)(C) of Rule 4.7 requires Industry Members to record and report to the Central Repository, for original receipt and origination of an order, the Firm Designated ID if the order is executed, in whole or in part.

In Phase 2a, Industry Members would be required to report all street side representative orders, including both agency and proprietary orders and mark such orders as representative orders, except in certain limited exceptions as described in the Industry Member Technical Specifications. A representative order is an order originated in a firm owned or controlled account, including principal, agency average price and omnibus accounts, by an Industry Member for the purpose of working one or more customer or client orders.

In Phase 2a, Industry Members would be required to report the link between the street side representative order and the order being represented when: (1) the representative order was originated specifically to represent a single order received either from a customer or another broker-dealer; and (2) there is (a) an existing direct electronic link in the Industry Member's system between the order being represented and the representative order and (b) any resulting executions are immediately and automatically applied to the represented order in the Industry Member's system.

Phase 2a Industry Member Data also would include the manual and Electronic Capture Time for Manual Order Events. Specifically, for each Reportable Event in Rule 4.7, Industry Members would be required to provide a timestamp pursuant to Rule 4.10. Rule 4.10(b)(1) states that

Each Industry Member may record and report: Manual Order Events to the Central Repository in increments up to and including one second, provided that each Industry Members shall record and report the time when a Manual Order Event has been captured electronically in an order handling and execution system of such Industry Member (“Electronic Capture Time”) in milliseconds.

Accordingly, for Phase 2a, Industry Members would be required to provide both the manual and Electronic Capture Time for Manual Order Events.¹³

Industry Members would be required to report special handling instructions for the original receipt or origination of an order during Phase 2a. In addition, during Phase 2a, Industry Members will be required to report, when routing an order, whether the order was routed as an intermarket sweep order (“ISO”). Industry Members would be required to report special handling instructions on routes other than ISOs in Phase 2c, rather than Phase 2a.

In Phase 2a, Industry Members would not be required to report modifications of a previously routed order in certain limited instances. Specifically, if a trader or trading software modifies a previously routed order, the routing firm is not required to report the

¹³ Industry Members would be required to provide an Electronic Capture Time following the manual capture time only for new orders that are Manual Order Events and, in certain instances, routes that are Manual Order Events. The Electronic Capture Time would not be required for other Manual Order Events.

modification of an order route if the destination to which the order was routed is a CAT Reporter that is required to report the corresponding order activity. If, however, the order was modified by a Customer or other non-CAT Reporter, and subsequently the routing Industry Members sends a modification to the destination to which the order was originally routed, then the routing Industry Member must report the modification of the order route.¹⁴ In addition, in Phase 2a, Industry Members would not be required to report a cancellation of an order received from a Customer after the order has been executed.

(ii) Timing of Phase 2a Reporting

Pursuant to paragraph (c)(1) of Rule 4.16, Large Industry Members are required to begin reporting to the CAT by November 15, 2018. To implement the Phased Reporting for Phase 2a for Large Industry Members, the Exchange proposes to delete the November 15, 2018 date and to supplement paragraph (c)(1) of Rule 4.16 with new paragraph (c)(1)(A) of Rule 4.16, which would state, in relevant part, that “Each Industry Member (other than a Small Industry Member) shall record and report the Industry Member Data to the Central Repository, as follows: (A) Phase 2a Industry Member Data by June 22, 2020.”

Pursuant to paragraph (c)(2) of Rule 4.16, Small Industry Members are required to begin reporting to the CAT by November 15, 2019. To implement the Phased Reporting for Phase 2a for Small Industry Members, the Exchange proposes to delete the November 15, 2019 date and to supplement paragraph (c)(2) of Rule 4.16 with new paragraphs (c)(2)(A) and (B) of Rule 4.16. Proposed paragraph (c)(2)(A) of Rule 4.16 would state that

¹⁴ This approach is comparable to the approach set forth in OATS Compliance FAQ 35.

Each Industry Member that is a Small Industry Member shall record and report the Industry Member Data to the Central Repository, as follows:

(A) Small Industry Members that are required to record or report information to FINRA's Order Audit Trail System pursuant to applicable SRO rules ("Small Industry OATS Reporter") to report to the Central Repository Phase 2a Industry Member Data by June 22, 2020.

Proposed paragraph (c)(2)(B) of Rule 4.16 would state that "Small Industry Members that are not required to record or report information to FINRA's Order Audit Trail System pursuant to applicable SRO rules ("Small Industry Non-OATS Reporter") to report to the Central Repository Phase 2a Industry Member Data by December 13, 2021."

B. Phase 2b

In the second phase of the Phased Reporting, referred to as Phase 2b, Large Industry Members would be required to report to the Central Repository "Phase 2b Industry Member Data" by July 20, 2020. Small Industry Members would be required to report to the Central Repository "Phase 2b Industry Member Data" by December 13, 2021, which is approximately seventeen months after Large Industry Members begin reporting such data to the Central Repository. To implement the Phased Reporting for Phase 2b, the Exchange proposes to add paragraph (t)(2) to Rule 4.5 and amend paragraphs (c)(1) and (2) of Rule 4.16.

(i) Scope of Phase 2b Reporting

To implement the Phased Reporting with respect to Phase 2b, the Exchange proposes to add a definition of "Phase 2b Industry Member Data" as paragraph (t)(2) to Rule 4.5. Specifically, the Exchange proposes to define the term "Phase 2b Industry

Member Data” as “Industry Member Data required to be reported to the Central Repository commencing in Phase 2b.” Phase 2b Industry Member Data is described in detail in the Industry Member Technical Specifications for Phase 2b. While the following summarizes the categories of Industry Member Data required for Phase 2b, the Industry Member Technical Specifications provide detailed guidance regarding the reporting for Phase 2b.

Phase 2b Industry Member Data would include Industry Member Data related to Eligible Securities that are options and related to simple electronic option orders, excluding electronic paired option orders.¹⁵ A simple electronic option order is an order to buy or sell a single option that is not related to or dependent on any other transaction for pricing and timing of execution that is either received or routed electronically by an Industry Member. Electronic receipt of an order is defined as the initial receipt of an order by an Industry Member in electronic form in standard format directly into an order handling or execution system. Electronic routing of an order is the routing of an order via electronic medium in standard format from one Industry Member’s order handling or execution system to an exchange or another Industry Member. An electronic paired option order is an electronic option order that contains both the buy and sell side that is routed to another Industry Member or exchange for crossing and/or price improvement as a single transaction on an exchange. Responses to auctions of simple orders and paired simple orders are also reportable in Phase 2b.

Furthermore, combined orders in options would be treated in Phase 2b in the same way as equity representative orders are treated in Phase 2a. A combined order would

¹⁵ The items required to be reported in Phase 2b do not include the items required to be reported in Phase 2d, as discussed below in Section A.4.

mean, as permitted by Exchange rules, a single, simple order in Listed Options created by combining individual, simple orders in Listed Options from a customer with the same exchange origin code before routing to an exchange. During Phase 2b, the single combined order sent to an exchange must be reported and marked as a combined order, but the linkage to the underlying orders is not required to be reported until Phase 2d.

(ii) Timing of Phase 2b Reporting

Pursuant to paragraph (c)(1) of Rule 4.16, Large Industry Members are required to begin reporting to the CAT by November 15, 2018. To implement the Phased Reporting for Phase 2b for Large Industry Members, the Exchange proposes to delete the November 15, 2018 date and to supplement paragraph (c)(1) of Rule 4.16 with new paragraph (c)(1)(B) of Rule 4.16, which would state, in relevant part, that “Each Industry Member (other than a Small Industry Member) shall record and report the Industry Member Data to the Central Repository, as follows: . . . (B) Phase 2b Industry Member Data by July 20, 2020.”

Pursuant to paragraph (c)(2) of Rule 4.16, Small Industry Members are required to begin reporting to the CAT by November 15, 2019. To implement the Phased Reporting for Phase 2b for Small Industry Members, the Exchange proposes to delete the November 15, 2019 date and to supplement paragraph (c)(2) of Rule 4.16 with new paragraph (c)(2)(C) of Rule 4.16, which would state, in relevant part, that “Each Industry Member that is a Small Industry Member shall record and report the Industry Member Data to the Central Repository, as follows: . . . (C) Small Industry Members to report to the Central Repository Phase 2b Industry Member Data . . . by December 13, 2021.”

C. Phase 2c

In the third phase of the Phased Reporting, referred to as Phase 2c, Large Industry Members would be required to report to the Central Repository “Phase 2c Industry Member Data” by April 26, 2021. Small Industry Members would be required to report to the Central Repository “Phase 2c Industry Member Data” by December 13, 2021, which is approximately seven months after Large Industry Members begin reporting such data to the Central Repository. To implement the Phased Reporting for Phase 2c, the Exchange proposes to add paragraph (t)(3) to Rule 4.5 and amend paragraphs (c)(1) and (2) of Rule 4.16.

(i) Scope of Phase 2c Reporting

To implement the Phased Reporting with respect to Phase 2c, the Exchange proposes to add a definition of “Phase 2c Industry Member Data” as paragraph (t)(3) to Rule 4.5. Specifically, the Exchange proposes to define the term “Phase 2c Industry Member Data” as “Industry Member Data required to be reported to the Central Repository commencing in Phase 2c.” Phase 2c Industry Member Data” would be Industry Member Data related to Eligible Securities that are equities other than Phase 2a Industry Member Data, Phase 2d Industry Member Data or Phase 2e Industry Member Data. Phase 2c Industry Member Data is described in detail in the Industry Member Technical Specifications for Phase 2c. While the following summarizes the categories of Industry Member Data required for Phase 2c, the Industry Member Technical Specifications provide detailed guidance regarding the reporting for Phase 2c.

Phase 2c Industry Member Data would include Industry Member Data that is related to Eligible Securities that are equities and that is related to: (1) Allocation Reports as required to be recorded and reported to the Central Repository pursuant to Section

6.4(d)(ii)(A)(1) of the CAT NMS Plan; (2) quotes in unlisted Eligible Securities sent to an IDQS operated by a CAT Reporter (reportable by the Industry Member sending the quotes) (except for quotes reportable in Phase 2d, as discussed below); (3) electronic quotes in listed equity Eligible Securities (*i.e.*, NMS stocks) that are not sent to a national securities exchange or FINRA's Alternative Display Facility; (4) reporting changes to client instructions regarding modifications to algorithms; (5) marking as a representative order any order originated to work a customer order in price guarantee scenarios, such as a guaranteed VWAP; (6) flagging rejected external routes to indicate a route was not accepted by the receiving destination; (7) linkage of duplicate electronic messages related to a Manual Order Event between the electronic event and the original manual route; (8) special handling instructions on order route reports (other than the ISO, which is required to be reported in Phase 2a); (9) quote identifier on trade events; (10) reporting of large trader identifiers¹⁶ ("LTID") (if applicable) for accounts with Reportable Events that are reportable to CAT as of and including Phase 2c; (11) reporting of date account opened or Account Effective Date¹⁷ (as applicable) for accounts and flag indicating the Firm Designated ID type as account or relationship; (12) order effective time for orders that are received by an Industry Member and do not become effective until a later time; (13) the

¹⁶ See definition of "Customer Account Information" in Section 1.1 of the CAT NMS Plan. See also Rule 13h-1 under the Exchange Act.

¹⁷ See definition of "Customer Account Information" and "Account Effective Date" in Section 1.1 of the CAT NMS Plan. Note that the Exchange also proposes to amend the dates in the definitions of "Account Effective Date" and "Customer Account Information" to reflect the Phased Reporting. Specifically, the Exchange proposes to amend paragraph (m)(2) of Rule 4.5 to replace the references to November 15, 2018 and 2019 with references to the commencement of Phase 2c and Phase 2d. The Exchange also proposes to amend paragraphs (a)(1)(A), (a)(1)(B) and (a)(2)-(5) of Rule 6810 regarding the definition of "Account Effective Date" with similar changes to the dates set forth therein.

modification or cancellation of an internal route of an order; and (14) linkages to the customer order(s) being represented for all representative order scenarios, including agency average price trades, net trades, aggregated orders, and disconnected Order Management System (“OMS”) - Execution Management System (“EMS”) scenarios, as required in the Industry Member Technical Specifications.¹⁸

Phase 2c Industry Member Data also includes electronic quotes that are provided by or received in a CAT Reporter’s order/quote handling or execution systems in Eligible Securities that are equities and are provided by an Industry Member to other market participants off a national securities exchange under the following conditions: (1) an equity bid or offer is displayed publicly or has been communicated (a) for listed securities to the Alternative Display Facility (ADF) operated by FINRA; or (b) for unlisted equity securities to an “inter-dealer quotation system” as defined in FINRA Rule 6420(c); or (2) an equity bid or offer which is accessible electronically by customers or other market participants and is immediately actionable for execution or routing; i.e., no further manual or electronic action is required by the responder providing the quote in order to execute or cause a trade to be executed). With respect to OTC Equity Securities, OTC Equity Securities quotes sent by an Industry Member to an IDQS operated by an Industry Member CAT Reporter (other than such an IDQS that does not match and execute orders) are reportable by the Industry Member sending them in Phase 2c. Accordingly, any response to a request for quote or other form of solicitation response provided in standard

¹⁸ In Phase 2c, for any scenarios that involve orders originated in different systems that are not directly linked, such as a customer order originated in an OMS and represented by a principal order originated in an EMS that is not linked to the OMS, marking and linkages must be reported as required in the Industry Member Technical Specifications.

electronic format (e.g., FIX) that meets this quote definition (i.e., an equity bid or offer which is accessible electronically by customers or other market participants and is immediately actionable for execution or routing) would be reportable in Phase 2c.

(ii) Timing of Phase 2c Reporting

Pursuant to paragraph (c)(1) of Rule 4.16, Large Industry Members are required to begin reporting to the CAT by November 15, 2018. To implement the Phased Reporting for Phase 2c for Large Industry Members, the Exchange proposes to delete the November 15, 2018 date and to supplement paragraph (c)(1) of Rule 4.16 with new paragraph (c)(1)(C) of Rule 4.16, which would state, in relevant part, that “Each Industry Member (other than a Small Industry Member) shall record and report the Industry Member Data to the Central Repository, as follows: . . . (C) Phase 2c Industry Member Data by April 26, 2021.”

Pursuant to paragraph (c)(2) of Rule 4.16, Small Industry Members are required to begin reporting to the CAT by November 15, 2019. To implement the Phased Reporting for Phase 2c for Small Industry Members, the Exchange proposes to delete the November 15, 2019 date and to supplement paragraph (c)(2) of Rule 4.16 with new paragraph (c)(2)(C) of Rule 4.16, which would state, in relevant part, that “Each Industry Member that is a Small Industry Member shall record and report the Industry Member Data to the Central Repository, as follows: . . . (C) Small Industry Members to report to the Central Repository . . . Phase 2c Industry Member Data . . . by December 13, 2021.”

D. Phase 2d

In the fourth phase of the Phased Reporting, referred to as Phase 2d, Large Industry Members and Small Industry Members would be required to report to the

Central Repository “Phase 2d Industry Member Data” by December 13, 2021. To implement the Phased Reporting for Phase 2d, the Exchange proposes to add paragraph (t)(4) to Rule 4.5 and amend paragraphs (c)(1) and (2) of Rule 4.16.

(i) Scope of Phase 2d Reporting

To implement the Phased Reporting with respect to Phase 2d, the Exchange proposes to add a definition of “Phase 2d Industry Member Data” as paragraph (t)(4) to Rule 6.5. Specifically, the Exchange proposes to define the term “Phase 2d Industry Member Data” as “Industry Member Data required to be reported to the Central Repository commencing in Phase 2d.”¹⁹

“Phase 2d Industry Member Data” is Industry Member Data that is related to Eligible Securities that are options other than Phase 2b Industry Member Data, Industry Member Data that is related to Eligible Securities that are equities other than Phase 2a Industry Member Data or Phase 2c Industry Member Data, and Industry Member Data other than Phase 2e Industry Member Data. Phase 2d Industry Member Data is described in detail in the Industry Member Technical Specifications for Phase 2d. While the following summarizes the categories of Industry Member Data required for Phase 2d, the Industry Member Technical Specifications provide detailed guidance regarding the reporting for Phase 2d.

Phase 2d Industry Member Data includes with respect to the Eligible Securities that are options: (1) simple manual orders; (2) electronic and manual paired orders; (3) all

¹⁹ The Participants have determined that reporting information regarding the modification or cancellation of a route is necessary to create the full lifecycle of an order. Accordingly, the Participants require the reporting of information related to the modification or cancellation of a route similar to the data required for the routing of an order and modification and cancellation of an order pursuant to Sections 6.3(d)(ii) and (iv) of the CAT NMS Plan.

complex orders with linkages to all CAT-reportable legs; (4) LTIDs (if applicable) for accounts with Reportable Events for Phase 2d; (5) date account opened or Account Effective Date (as applicable) for accounts with an LTID and flag indicating the Firm Designated ID type as account or relationship for such accounts;²⁰ (6) Allocation Reports as required to be recorded and reported to the Central Repository pursuant to Section 6.4(d)(ii)(A)(1) of the CAT NMS Plan; (7) the modification or cancellation of an internal route of an order; and (8) linkage between a combined order and the original customer orders.

Phase 2d Industry Member Data also would include electronic quotes that are provided by or received in a CAT Reporter's order/quote handling or execution systems in Eligible Securities that are options and are provided by an Industry Member to other market participants off a national securities exchange under the following conditions: a listed option bid or offer which is accessible electronically by customers or other market participants and is immediately actionable (i.e., no further action is required by the responder providing the quote in order to execute or cause a trade to be executed). Accordingly, any response to a request for quote or other form of solicitation response provided in standard electronic format (e.g., FIX) that meets this definition would be reportable in Phase 2d for options.

Phase 2d Industry Member Data also would include with respect to Eligible

²⁰ As noted above, the Exchange also proposes to amend the dates in the definitions of "Account Effective Date" and "Customer Account Information" to reflect the Phased Reporting. Specifically, the Exchange proposes to amend paragraph (m)(2) of Rule 6.5 to replace the references to November 15, 2018 and 2019 with references to the commencement of Phase 2c and Phase 2d. The Exchange also proposes to amend paragraphs (a)(1)(A), (a)(1)(B) and (a)(2)-(5) of Rule 6810 regarding the definition of "Account Effective Date" with similar changes to the dates set forth therein.

Securities that are options or equities (1) receipt time of cancellation and modification instructions through Order Cancel Request and Order Modification Request events; (2) modifications of previously routed orders in certain instances; and (3) OTC Equity Securities quotes sent by an Industry Member to an IDQS operated by an Industry Member CAT Reporter that does not match and execute orders. In addition, subject to any exemptive or other relief, Phase 2d Industry Member Data will include verbal or manual quotes on an exchange floor or in the over-the-counter market, where verbal quotes and manual quotes are defined as bids or offers in Eligible Securities provided verbally or that are provided or received other than via a CAT Reporter's order handling and execution system (e.g., quotations provided via email or instant messaging).

(ii) Timing of Phase 2d Reporting

Pursuant to paragraph (c)(1) of Rule 4.16, Large Industry Members are required to begin reporting to the CAT by November 15, 2018. To implement the Phased Reporting for Phase 2d for Large Industry Members, the Exchange proposes to delete the November 15, 2018 date and to supplement paragraph (c)(1) of Rule 4.16 with new paragraph (c)(1)(D) of Rule 4.16, which would state, in relevant part, that “[e]ach Industry Member (other than a Small Industry Member) shall record and report the Industry Member Data to the Central Repository, as follows: . . . (D) Phase 2d Industry Member Data by December 13, 2021.”

Pursuant to paragraph (c)(2) of Rule 4.16, Small Industry Members are required to begin reporting to the CAT by November 15, 2019. To implement the Phased Reporting for Phase 2d for Small Industry Members, the Exchange proposes to delete the November 15, 2019 date and to supplement paragraph (c)(2) of Rule 4.16 with new

paragraph (c)(2)(C) of Rule 4.16, which would state, in relevant part, that “Each Industry Member that is a Small Industry Member shall record and report the Industry Member Data to the Central Repository, as follows: . . . (C) Small Industry Members to report to the Central Repository . . . Phase 2d Industry Member Data by December 13, 2021.”

E. Phase 2e

In the fifth phase of Phased Reporting, referred to as Phase 2e, both Large Industry Members and Small Industry Members would be required to report to the Central Repository “Phase 2e Industry Member Data” by July 11, 2022. To implement the Phased Reporting for Phase 2e, the Exchange proposes to add paragraph (t)(5) to Rule 4.5 and amend paragraphs (c)(1) and (2) of Rule 4.16.

(i) Scope of Phase 2e Reporting

To implement the Phased Reporting with respect to Phase 2e, the Exchange proposes to add a definition of “Phase 2e Industry Member Data” as paragraph (t)(5) of Rule 4.16. Specifically, the Exchange proposes to define the term “Phase 2e Industry Member Data” as “Industry Member Data required to be reported to the Central Repository commencing in Phase 2e. The full scope of Industry Member Data required by the CAT NMS Plan will be required to be reported to the CAT when Phase 2e has been implemented, subject to any applicable exemptive relief or amendments to the CAT NMS Plan.” LTIDs and Account Effective Date are both required to be reported in Phases 2c and 2d in certain circumstances, as discussed above. The terms “Customer Account Information” and “Customer Identifying Information” are defined in Rule 4.5 of

the Compliance Rule.²¹ The Industry Member Technical Specifications provide detailed guidance regarding the reporting for Phase 2e.

(ii) Timing of Phase 2e Reporting

Pursuant to paragraph (c)(1) of Rule 4.16, Large Industry Members are required to begin reporting to the CAT by November 15, 2018. To implement the Phased Reporting for Phase 2e for Large Industry Members, the Exchange proposes to delete the November 15, 2018 date and to supplement paragraph (c)(1) of Rule 4.16 with new paragraph (c)(1)(E) of Rule 4.16, which would state, in relevant part, that “[e]ach Industry Member (other than a Small Industry Member) shall record and report the Industry Member Data to the Central Repository, as follows: . . . (E) Phase 2e Industry Member Data by July 11, 2022.”

Pursuant to paragraph (c)(2) of Rule 4.16, Small Industry Members are required to begin reporting to the CAT by November 15, 2019. To implement the Phased Reporting for Phase 2e for Small Industry Members, the Exchange proposes to delete the November 15, 2019 date and to supplement paragraph (c)(2) of Rule 4.16 with new paragraph (c)(2)(D) of Rule 4.16, which would state, in relevant part, that “[e]ach

²¹ The term “Customer Account Information” includes account numbers, and the term “Customer Identifying Information” includes, with respect to individuals, dates of birth and SSNs. *See* Rule 4.5. The Participants have received exemptive relief from the requirements for the Participants to require their members to provide dates of birth, account numbers and social security numbers for individuals to the CAT. *See* Securities Exchange Act Release No. 88393 (March 17, 2020), 85 FR 16152 (March 20, 2020). *See also* Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemptive Relief from Certain Provisions of the CAT NMS Plan related to Social Security Numbers, Dates of Birth and Account Numbers (Jan. 29, 2020). Given the relief has been granted, Phase 2e Industry Member Data will not include account numbers, dates of birth and SSNs for individuals.

Industry Member that is a Small Industry Member shall record and report the Industry Member Data to the Central Repository, as follows: . . . (E) Small Industry Members to report to the Central Repository Phase 2e Industry Member Data by July 11, 2022.”

F. Industry Member Testing Requirements

Rule 4.13(a) sets forth various compliance dates for the testing and development for connectivity, acceptance and the submission order data. In light of the intent to shift to Phased Reporting in place of the two specified dates for the commencement of reporting for Large and Small Industry Members, the Exchange correspondingly proposes to replace the Industry Member development testing milestones in Rule 6880(a) with the testing milestones set forth in the exemptive relief. Specifically, the Exchange proposes to replace Rule 6880(a) with the following:

- (1) Industry Member file submission and data integrity testing for Phases 2a and 2b shall begin in December 2019.
- (2) Industry Member testing of the Reporter Portal, including data integrity error correction tools and data submissions, shall begin in February 2020.
- (3) The Industry Member test environment shall open with intra-firm linkage validations to Industry Members for both Phases 2a and 2b in April 2020.
- (4) The Industry Member test environment shall open to Industry Members with inter-firm linkage validations for both Phases 2a and 2b in July 2020.

- (5) The Industry Member test environment shall open to Industry Members with Phase 2c functionality (full representative order linkages) in January 2021.
- (6) The Industry Member test environment shall open to Industry Members with Phase 2d functionality (manual options orders, complex options orders, and options allocations) in June 2021.
- (7) Participant exchanges that support options market making quoting shall begin accepting Quote Sent Time on quotes from Industry Members no later than April 2020.
- (8) The Industry Member test environment (customer and account information) will be open to Industry Members in January 2022.

iv. Granularity of Timestamps

On February 3, 2020, the Participants filed with the Commission a request for exemptive relief from the requirement in Section 6.8(b) of the CAT NMS Plan for each Participant, through its Compliance Rule, to require that, to the extent that its Industry Members utilize timestamps in increments finer than nanoseconds in their order handling or execution systems, such Industry Members utilize such finer increment when reporting CAT Data to the Central Repository.²² On April 8, 2020, the Participants received the exemptive relief.²³ As a condition to this exemption, the Participants, through their

²² See Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemption from Certain Provisions of the National Market System Plan Governing the Consolidated Audit Trail related to Granularity of Timestamps and Relationship Identifiers (Feb. 3, 2020).

²³ See Securities Exchange Act Release No. 88608 (April 8, 2020), 85 FR 20743 (April 14, 2020).

Compliance Rules, will require Industry Members that capture timestamps in increments more granular than nanoseconds to truncate the timestamps, after the nanosecond level for submission to CAT, not round up or down in such circumstances. The timestamp granularity exemption remains in effect for five years, until April 8, 2025. After five years, the exemption would no longer be in effect unless the period the exemption is in effect is extended by the SEC.

Accordingly, the Exchange proposes to amend its Compliance Rule to reflect the exemptive relief. Specifically, the Exchange proposes to amend paragraph (a)(2) of Rule 4.10. Rule 4.10(a)(2) states that

Subject to paragraph (b), to the extent that any Industry Member's order handling or execution systems utilize time stamps in increments finer than milliseconds, such Industry Member shall record and report Industry Member Data to the Central Repository with time stamps in such finer increment.

The Exchange proposes to amend this provision to read as follows to reflect the exemptive relief:

Subject to paragraph (b), to the extent that any Industry Member's order handling or execution systems utilize time stamps in increments finer than milliseconds, such Industry Member shall record and report Industry Member Data to the Central Repository with time stamps in such finer increment up to nanoseconds; provided, that Industry Members that capture timestamps in increments more granular than nanoseconds must

truncate the timestamps after the nanosecond level for submission to CAT, rather than rounding such timestamps up or down, until April 8, 2025.

v. Introducing Industry Members

On February 3, 2020, the Participants requested that the Commission exempt broker-dealers that do not qualify as Small Industry Members solely because they satisfy Rule 0-10(i)(2) under the Exchange Act and, as a result, are deemed affiliated with an entity that is not a small business or small organization (“Introducing Industry Member”) from the requirements in the CAT NMS Plan applicable to Industry Members other than Small Industry Members (“Large Industry Members”).²⁴ Instead, such Introducing Industry Members would comply with the requirements in the CAT NMS Plan applicable to Small Industry Members. On April 20, 2020, the SEC granted the Participants exemptive relief with regard to Introducing Industry Members.²⁵

As a result, the Exchange proposes to amend its Compliance Rule to adopt a definition of “Introducing Industry Member” and to revise Rule 4.16 to require Introducing Industry Members to comply with the requirements of the CAT NMS Plan applicable to Small Industry Members. Specifically, the Exchange proposes to define “Introducing Industry Member” in proposed paragraph (v) to Rule 4.5, as “a broker-dealer that does not qualify as a Small Industry Member solely because such broker-dealer satisfies Rule 0-10(i)(2) under the Exchange Act in that it introduces transactions on a fully disclosed basis to clearing firms that are not small businesses or small

²⁴ See Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemption from Certain Provisions of the National Market System Plan Governing the Consolidated Audit Trail related to Small Industry Members (Feb. 3, 2020).

²⁵ See Securities Exchange Act Release No. 88703 (April 20, 2020), 85 FR 23115 (April 24, 2020).

organizations.” The Exchange also proposes to add a new paragraph (3) to Rule 4.16(c) to state that “Introducing Industry Members must comply with the requirements of the CAT NMS Plan applicable to Small Industry Members.” With these changes, Introducing Industry Members would be required to comply with the requirements in the CAT NMS Plan applicable to Small Industry Members, rather than the requirements in the CAT NMS Plan applicable to Large Industry Members.

vi. CCID/PII

On January 29, 2020, the Participants filed with the Commission a request for exemptive relief from certain requirements related to reporting SSNs, dates of birth and account numbers to the CAT.²⁶ The Commission, Participants and others indicated security concerns with maintaining such sensitive Customer information in the CAT. On March 17, 2020, the Participants received the exemptive relief, subject to certain conditions.²⁷ Assuming the Participants comply with the conditions set forth in the PII Exemption Order, Industry Members would not be required to report SSNs, dates of birth and account numbers to the CAT NMS Plan.

As described in the request for exemptive relief, the Participants requested exemptive relief to allow for an alternative approach to generating a CAT Customer ID

²⁶ See Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemptive Relief from Certain Provisions of the CAT NMS Plan related to Social Security Numbers, Dates of Birth and Account Numbers (Jan. 29, 2020).

²⁷ See Securities Exchange Act Release No. 88393 (March 17, 2020), 85 FR 16152 (March 20, 2020) (Order Granting Conditional Exemptive Relief, Pursuant to Section 36 and Rule 608(e) of the Securities Exchange Act of 1934, from Section 6.4(d)(ii)(C) and Appendix D Sections 4.1.6, 6.2, 8.1.1, 8.2, 9.1, 9.2, 9.4, 10.1, and 10.3 of the National Market System Plan Governing the Consolidated Audit Trail) (“PII Exemption Order”). The PII Exemption Order lists several conditions that must be met by the Exchange. If the Exchange does not satisfy the conditions, the PII Exemption Order would not apply to the Exchange.

(“CCID”) without requiring Industry Members to report SSNs to the CAT (the “CCID Alternative”). In lieu of retaining such SSNs in the CAT, the Participants would use the CCID Alternative, a strategy developed by the Chief Information Security Officer for the CAT and the Chief Information Security Officers from each of the Participants, in consultation with security experts from member firms of Securities Industry and Financial Markets Association. The CCID Alternative facilitates the ability of the Plan Processor to generate a CCID without requiring the Plan Processor to receive SSNs or store SSNs within the CAT. Under the CCID Alternative, the Plan Processor would generate a unique CCID using a two-phase transformation process that avoids having SSNs reported to or stored in the CAT. In the first transformation phase, a CAT Reporter would transform the SSN to an interim value (the “transformed value”). This transformed value, and not the SSN, would be submitted to a separate system within the CAT (“CCID Subsystem”). The CCID Subsystem would then perform a second transformation to create the globally unique CCID for each Customer that is unknown to, and not shared with, the original CAT Reporter. The CCID would then be sent to the customer and account information system of the CAT, where it would be linked with the other customer and account information. The CCID may then be used by the Participants’ regulatory staff and the SEC in queries and analysis of CAT Data. To implement the CCID Alternative, the Participants requested exemptive relief from the requirement in Section 6.4(d)(ii)(C) of the CAT NMS Plan to require, through their Compliance Rules, Industry Members to record and report SSNs to the Central Repository for the original receipt of an order. As set forth in one condition of the PII

Exemption Order, Industry Members would be required to transform an SSN to an interim value, and report the transformed value to the CAT.

The Participants also requested exemptive relief to allow for an alternative approach which would exempt the reporting of dates of birth and account numbers²⁸ to the CAT (“Modified PII Approach”), and instead would require Industry Members to report the year of birth and the Firm Designated ID for each trading account associated with the Customers. To implement the Modified PII Approach, the Participants requested exemptive relief from the requirement in Section 6.4(d)(ii)(C) of the CAT NMS Plan to require, through their Compliance Rules, Industry Members to record and report to the Central Repository for the original receipt of an order dates of birth and account numbers for Customers. As conditions to the exemption, Industry Members would be required to report the year of birth of an individual to the Central Repository, and to report the Firm Designated ID to the Central Repository.

To implement the request for exemptive relief and to eliminate the requirement to report SSNs, date of birth and account numbers to the CAT, the Exchange proposes to amend its Compliance Rule to reflect the exemptive relief. Rule 4.7(a)(2)(C) states that

[s]ubject to paragraph (3) below, each Industry Member shall record and report to the Central Repository the following, as applicable (“Received Industry Member Data” and collectively with the information referred to in Rule 6830(a)(1) “Industry Member Data”) in the manner prescribed by the Operating Committee pursuant to the CAT NMS Plan: . . . (C) for

²⁸ With respect to this aspect of the requested relief, the PII Exemption Order provided relief with regard to the reporting of all account numbers, not just account numbers for individuals as requested by the Participants.

original receipt or origination of an order, the Firm Designated ID for the relevant Customer, and in accordance with Rule 6840, Customer Account Information and Customer Identifying Information for the relevant Customer.

Similarly, Rule 4.8 requires the reporting of Customer Account Information and Customer Identifying Information to the Central Repository. Currently, Rule 4.5(m) defines “Customer Identifying Information” to include, with respect to individuals, “date of birth” and “individual tax payer identification number (“ITIN”)/social security number (“SSN”).” Accordingly, the Exchange proposes to replace “date of birth” in the definition of “Customer Identifying Information” in Rule 4.5(m) (now renumbered Rule 4.5(n)) with “year of birth” and to delete “individual tax payer identification number (“ITIN”)/social security number (“SSN”)” from Rule 6810(m) (now renumbered Rule 6810(n)). In addition, currently, Rule 4.5(l) defines “Customer Account Information” to include account numbers. The Exchange proposes to delete “account number” from the definition of “Customer Account Information” in Rule 4.5(l) (now renumbered Rule 6810(m)).

The Exchange also proposes to add a definition of the term “Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”)” to Rule 4.5. Specifically, the Exchange proposes to add paragraph (pp) to Rule 4.5 to define “Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”)” to mean “the interim value created by an Industry Member based on a Customer ITIN/SSN.”

The Exchange proposes to revise Rule 4.7(a)(2)(C) to include the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”). Specifically, the Exchange proposes to revise Rule 6830(a)(2)(C) to state:

[s]ubject to paragraph (3) below, each Industry Member shall record and report to the Central Repository the following, as applicable (“Received Industry Member Data” and collectively with the information referred to in Rule 6830(a)(1) “Industry Member Data”) in the manner prescribed by the Operating Committee pursuant to the CAT NMS Plan: . . . (C) for original receipt or origination of an order, the Firm Designated ID for the relevant Customer, Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”), and in accordance with Rule 6840, Customer Account Information and Customer Identifying Information for the relevant Customer.

The Exchange also proposes to include the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”) in the Customer information reporting required under Rule 4.8. Specifically, the Exchange proposes to revise Rule 4.8(a) to require each Industry Member to submit to the Central Repository the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”), for each of its Customers with an Active Account prior to such Industry Member's commencement of reporting to the Central Repository and in accordance with the deadlines set forth in Rule 6880. The Exchange also proposes to revise Rule 4.8(b) to require each Industry Member to submit to the Central Repository any updates, additions or other changes to the Transformed Value for individual tax payer

identification number (“ITIN”)/social security number (“SSN”) for each of its Customers with an Active Account on a daily basis. In addition, the Exchange proposes to revise Rule 4.8(c) to require, on a periodic basis as designated by the Plan Processor and approved by the Operating Committee, each Industry Member to submit to the Central Repository a complete set of the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”) for each of its Customers with an Active Account. The Exchange also proposes to revise Rule 4.8(d) to require, for each Industry Member for which errors in the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”) for each of its Customers with an Active Account submitted to the Central Repository have been identified by the Plan Processor or otherwise, such Industry Member to submit corrected data to the Central Repository by 5:00 p.m. Eastern Time on T+3.

Paragraph (1)(B) of Rule 4.5(m), the definition of “Customer Account Information” states that “in those circumstances in which an Industry Member has established a trading relationship with an institution but has not established an account with that institution, the Industry Member will” . . . “provide the relationship identifier in lieu of the “account number.” As an account number will no longer be an element in “Customer Account Information,” the relationship identifier used in lieu of the account number will no longer be required as an element of Customer Account Information. Therefore, the Exchange proposes to delete the requirement set forth in Rule 6810(m)(a)(B) regarding relationship identifiers from Rule 4.5(m).

With these changes, Industry Members would not be required to report to the Central Repository dates of birth, SSNs or account numbers pursuant to Rule

4.7(a)(2)(C). However, Industry Members would be required to report the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”) and the year of birth to the Central Repository.²⁹

vii. FINRA Facility Data Linkage

On June 5, 2020, the Participants filed with the Commission a request for exemptive relief from certain provisions of the CAT NMS Plan to allow for an alternative approach to the reporting of clearing numbers and cancelled trade indicators.³⁰ The SEC provided this exemptive relief on June 11, 2020.³¹ FINRA is required to report to the Central Repository data collected by FINRA’s Trade Reporting Facilities, FINRA’s OTC Reporting Facility or FINRA’s Alternative Display Facility (collectively, “FINRA Facility”) pursuant to applicable SRO rules (“FINRA Facility Data”). Included in this FINRA Facility Data is the clearing number of the clearing broker for a reported trade as well as the cancelled trade indicator. Under this alternative approach, the clearing number and the cancelled trade indicator of the FINRA Facility Data that is reported to the CAT would be linked to the related execution reports reported by Industry Members. To implement this approach in a phased manner, the Participants received exemptive relief from the requirement in Sections 6.4(d)(ii)(A)(2) and (B) of the CAT NMS Plan to require, through their Compliance Rules, that Industry Members record and report to the Central Repository: (1) if the order is executed, in whole or in part, the SRO-Assigned

²⁹ The Exchange anticipates that the Compliance Rule may be further amended when further details regarding the CCID Alternative are finalized.

³⁰ See Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemption from Certain Provisions of the National Market System Plan Governing the Consolidated Audit Trail related to FINRA Facility Data Linkage (June 5, 2020).

³¹ See Securities Exchange Act Release No. 89051 (June 11, 2020) (Federal Register publication pending).

Market Participant Identifier of the clearing broker, if applicable; and (2) if the trade is cancelled, a cancelled trade indicator, subject to certain conditions.

As a condition to this exemption, the Participants would continue to require Industry Members to submit a trade report for a trade, and, if the trade is cancelled, a cancellation, to a FINRA Facility pursuant to applicable SRO rules, and to report the corresponding execution to the Central Repository. In addition, Industry Members would be required to report to the Central Repository the unique trade identifier reported to a FINRA Facility with the corresponding trade report. Furthermore, if an Industry Member does not submit a cancellation to a FINRA Facility, or is unable to provide a link between the execution reported to the Central Repository and the related FINRA Facility trade report, then the Industry Member would be required to record and report to the Central Repository a cancelled trade indicator and cancelled trade timestamp if the trade is cancelled. Similarly, if an Industry Member does not submit the clearing number of the clearing broker to a FINRA Facility for a trade, or is unable to provide a link between the execution reported to the Central Repository and the related FINRA Facility trade report, then the Industry Member would be required to record and report to the Central Repository the clearing number as well as contra party information.

As a result, the Exchange proposes to amend its Compliance Rule to reflect the exemptive relief to implement this alternative approach. Specifically, the Exchange proposes to require Industry Members to report to the CAT with an execution report the unique trade identifier reported to a FINRA facility with the corresponding trade report. For example, the unique trade identifier for the OTC Reporting Facility and the Alternative Display Facility would be the Compliance ID, for the FINRA/Nasdaq Trade

Reporting Facility, it would be the Branch Sequence Number, and for the FINRA/NYSE Trade Reporting Facility, it would be the FINRA Compliance Number. This unique trade identifier would be used to link the FINRA Facility Data with the execution report in the CAT. Specifically, the Exchange proposes to add new paragraph (a)(2)(E) to Rule 4.7, which states that:

(E) If an Industry Member is required to submit and submits a trade report for a trade, and, if the trade is cancelled, a cancellation, to one of FINRA's Trade Reporting Facilities, OTC Reporting Facility or Alternative Display Facility pursuant to applicable SRO rules, and the Industry Member is required to report the corresponding execution and/or cancellation to the Central Repository:

(1) the Industry Member is required to report to the Central Repository trade identifier reported by the Industry Member to such FINRA facility for the trade when the Industry Member reports the execution of an order pursuant to Rule 4.7(a)(1)(E) or cancellation of an order pursuant to Rule 4.7(a)(1)(D) beginning June 22, 2020 for Large Industry Members and Small Industry OATS Reporters and beginning December 13, 2021 for Small Industry Non-OATS Reporters, and such trade identifier must be unique beginning October 26, 2020 for Large Industry Members and Small Industry OATS Reporters and beginning

December 13, 2021 for Small Industry Non-OATS

Reporters.

The Exchange also proposes to relieve Industry Members of the obligation to report to the CAT data related to clearing brokers and trade cancellations pursuant to Rules 4.7(a)(2)(A)(2) and (B), respectively, as this data will be reported by FINRA to the CAT, except in certain circumstances. Accordingly, the Exchange proposes new paragraphs (a)(2)(E)(2) and (3) to Rule 4.7, which would state:

(2) if the order is executed in whole or in part, and the Industry Member submits the trade report to one of FINRA's Trade Reporting Facilities, OTC Reporting Facility or Alternative Display Facility pursuant to applicable SRO rules, the Industry Member is not required to submit the SRO-Assigned Market Participant Identifier of the clearing broker pursuant to Rule 4.7(a)(2)(A)(2); provided, however, if the Industry Member does not report the clearing number of the clearing broker to such FINRA facility for a trade, or does not report the unique trade identifier to the Central Repository as required by Rule 4.7(a)(2)(E)(1), then the Industry Member would be required to record and report to the Central Repository the clearing number of the clearing broker as well as information about the contra party to the trade beginning

April 26, 2021 for Large Industry Members and Small

Industry OATS Reporters and beginning December 13, 2021 for Small Industry Non-OATS Reporters; and

(3) if the trade is cancelled and the Industry Member submits the cancellation to one of FINRA’s Trade Reporting Facilities, OTC Reporting Facility or Alternative Display Facility pursuant to applicable SRO rules, the Industry Member is not required to submit the cancelled trade indicator pursuant to Rule 4.7(a)(2)(B); provided, however, if the Industry Member does not report a cancellation for a canceled trade to such FINRA facility, or does not report the unique trade identifier as required by 4.7(a)(2)(E)(1), then the Industry Member would be required to record and report to the Central Repository a cancelled trade indicator as well as a cancelled trade timestamp beginning June 22, 2020 for Large Industry Members and Small Industry OATS Reporters and beginning December 13, 2021 for Small Industry Non-OATS Reporters.

(b) Statutory Basis

The Exchange believes the proposed rule change is consistent with the Securities Exchange Act of 1934 (the “Act”) and the rules and regulations thereunder applicable to the Exchange and, in particular, the requirements of Section 6(b) of the Act. Specifically, the Exchange believes the proposed rule change is consistent with the

Section 6(b)(5) requirements that the rules of an exchange be 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. Additionally, the Exchange believes the proposed rule change is consistent with the Section 6(b)(5) requirement that the rules of an exchange not be designed to permit unfair discrimination between customers, issuers, brokers, or dealers.

The Exchange believes that this proposal is consistent with the Act because it is consistent with certain exemptions from the CAT NMS Plan, because it facilitates the retirement of certain existing regulatory systems, and is designed to assist the Exchange and its Industry Members in meeting regulatory obligations pursuant to the Plan. In approving the Plan, the SEC noted that the Plan “is necessary and appropriate in the public interest, for the protection of investors and the maintenance of fair and orderly markets, to remove impediments to, and perfect the mechanism of a national market system, or is otherwise in furtherance of the purposes of the Act.”³² To the extent that this proposal implements the Plan, including the exemptive relief, and applies specific requirements to Industry Members, the Exchange believes that this proposal furthers the objectives of the Plan, as identified by the SEC, and is therefore consistent with the Act.

Item 4. Self-Regulatory Organization’s Statement on Burden on Competition

³² See Securities Exchange Act Release No. 79318 (November 15, 2016), 81 FR 84696, 84697 (November 23, 2016).

The Exchange 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. The Exchange notes that the proposed rule changes are consistent with certain exemptions from the CAT NMS Plan, facilitate the retirement of certain existing regulatory systems, and are designed to assist the Exchange in meeting its regulatory obligations pursuant to the Plan. The Exchange also notes that the amendments to the Compliance Rules will apply equally to all Industry Members that trade NMS Securities and OTC Equity Securities. In addition, all national securities exchanges and FINRA are proposing these amendments to their Compliance Rules. Therefore, this is not a competitive rule filing, and, therefore, it does not impose a burden on competition.

Item 5. Self-Regulatory Organization’s Statement on Comments on the Proposed Rule Change Received from Members, Participants, or Others

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

Item 6. Extension of Time Period for Commission Action

The Exchange does not consent to an extension of the time period for Securities and Exchange Commission (the “Commission”) action on the proposed rule change specified in Section 19(b)(2) of the Act.³³

Item 7. Basis for Summary Effectiveness Pursuant to Section 19(b)(3) or for Accelerated Effectiveness Pursuant to Section 19(b)(2) or Section 19(b)(7)(D)

The proposed rule change is effective upon filing pursuant to Section 19(b)(3) of the Act³⁴ and paragraph (f)(6) of Rule 19b-4 thereunder,³⁵ in that the proposed rule

³³ 15 U.S.C. 78s(b)(2).

³⁴ 15 U.S.C. 78s(b)(3).

change does not significantly affect the protection of investors or the public interest; does not impose any significant burden on competition; and does not become operative for 30 days after filing or such shorter time as the Commission may designate.

The proposed rule change would not significantly affect the protection of investors or the public interest because it seeks to conform the Compliance Rule to be consistent with certain exemptions from the CAT NMS Plan, and to facilitate the retirement of certain existing regulatory systems. The SEC has approved five exemptions on which the proposed rule changes are based. Specifically, as discussed above, the SEC approved exemptions related to phased Industry Member reporting, timestamp granularity, the definition of Small Industry Member, the CCID/PII, and the FINRA Facility Data linkage on April 20, 2020, April 8, 2020, April 20, 2020, March 17, 2020 and June 11, 2020, respectively. Accordingly, the Exchange has designated this rule filing as non-controversial under Section 19(b)(3)(A) of the Act³⁶ and paragraph (f)(6) of Rule 19b-4 thereunder.³⁷

A proposed rule change filed under Rule 19b-4(f)(6) normally does not become operative prior to 30 days after the date of the filing. However, pursuant to Rule 19b-4(f)(6)(ii), the Commission may designate a shorter time if such action is consistent with the protection of investors and the public interest. The Exchange has asked the Commission to waive the 30-day operative delay so that the proposal may become operative by June 22, 2020.

³⁵ 17 CFR 240.19b-4(f)(6).

³⁶ 15 U.S.C. 78s(b)(3)(A).

³⁷ 17 CFR 240.19b-4.

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.

Item 8. Proposed Rule Change Based on Rules of Another Self-Regulatory Organization or of the Commission

As discussed in detail above, the proposed amendments to the Compliance Rules are consistent with certain exemptions from the CAT NMS Plan, and are intended to facilitate the retirement of certain existing regulatory systems.

Item 9. Security-Based Swap Submissions Filed Pursuant to Section 3C of the Act

Not applicable.

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

Not applicable.

Item 11. Exhibits

Exhibit 1. Completed Notice of Proposed Rule Change for publication in the Federal Register.

Exhibit 5. Proposed rule text.

EXHIBIT 1**SECURITIES AND EXCHANGE COMMISSION**

[Release No. 34- ; File No. SR-CboeEDGX-2020-030]

[Insert date]

Self-Regulatory Organizations; Cboe EDGX Exchange, Inc.; Notice of Filing and Immediate Effectiveness of a Proposed Rule Change Relating to Amend Certain Rules within Rules 4.5 through 4.16, which contain the Exchange’s compliance rule (“Compliance Rule”) regarding the National Market System Plan Governing the Consolidated Audit Trail (the “CAT NMS Plan” or “Plan”)

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (the “Act”),¹ and Rule 19b-4 thereunder,² notice is hereby given that on [insert date], Cboe EDGX Exchange, Inc. (the “Exchange” or “EDGX”) filed with the Securities and Exchange Commission (the “Commission”) the proposed rule change as described in Items I, II, and III below, which Items have been prepared by the Exchange. The Exchange filed the proposal as a “non-controversial” proposed rule change pursuant to Section 19(b)(3)(A)(iii) of the Act³ and Rule 19b-4(f)(6) thereunder.⁴ The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

I. Self-Regulatory Organization’s Statement of the Terms of Substance of the Proposed Rule Change

Cboe EDGX Exchange, Inc. (the “Exchange” or “Cboe EDGX”) proposes to amend certain Rules within Rules 4.5 through 4.16, which contain the Exchange’s compliance rule (“Compliance Rule”) regarding the National Market System Plan

¹ 15 U.S.C. 78s(b)(1).

² 17 CFR 240.19b-4.

³ 15 U.S.C. 78s(b)(3)(A)(iii).

⁴ 17 CFR 240.19b-4(f)(6).

Governing the Consolidated Audit Trail (the “CAT NMS Plan” or “Plan”) The text of the proposed rule change is provided in Exhibit 5.

The text of the proposed rule change is also available on the Exchange’s website (http://markets.cboe.com/us/options/regulation/rule_filings/edgx/), at the Exchange’s Office of the Secretary, and at the Commission’s Public Reference Room.

II. Self-Regulatory Organization’s Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

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

A. Self-Regulatory Organization’s Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

1. Purpose

The purpose of this proposed rule change is to amend the Consolidated Audit Trail (“CAT”) Compliance Rule in Rules 4.5 through 4.16 to be consistent with certain proposed amendments to and exemptions from the CAT NMS Plan as well as to facilitate the retirement of certain existing regulatory systems. As described more fully below, the proposed rule change would make the following changes to the Compliance Rule:

- Add additional data elements to the consolidated audit trail (“CAT”) reporting requirements for Industry Members to facilitate the retirement of the Financial Industry Regulatory Authority, Inc.’s (“FINRA”) Order Audit Trail System (“OATS”);

- Add additional data elements related to OTC Equity Securities that FINRA currently receives from alternative trading systems (“ATs”) that trade OTC Equity Securities for regulatory oversight purposes to the CAT reporting requirements for Industry Members;
- Implement a phased approach for Industry Member reporting to the CAT (“Phased Reporting”);
- To the extent that any Industry Member’s order handling or execution systems utilize time stamps in increments finer than milliseconds, revise the timestamp granularity requirement to require such Industry Member to record and report Industry Member Data to the Central Repository with time stamps in such finer increment up to nanoseconds;
- Require Introducing Industry Members (as defined below) to comply with the requirements of the CAT NMS Plan applicable to Small Industry Members;
- Revise the CAT reporting requirements so Industry Members would not be required to report to the Central Repository dates of birth, “individual tax payer identification number (“ITIN”)/ social security number (“SSN”)” (collectively, referred to as “SSNs”) or account numbers; and
- Revise the CAT reporting requirements regarding cancelled trades and SRO- Assigned Market Participant Identifiers of clearing brokers, if applicable, in connection with order executions, as such information will be available from FINRA’s trade reports submitted to the CAT.

i. CAT-OATS Data Gaps

The Participants have worked to identify gaps between data reported to existing systems and data to be reported to the CAT to “ensure that by the time Industry Members are required to report to the CAT, the CAT will include all data elements necessary to facilitate the rapid retirement of duplicative systems.”⁵ As a result of this process, the Participants identified several data elements that must be included in the CAT reporting requirements before existing systems can be retired. In particular, the Participants identified certain data elements that are required by OATS, but not currently enumerated in the CAT NMS Plan. Accordingly, the Exchange proposes to amend its Compliance Rule to include these OATS data elements in the CAT. Each of such OATS data elements are discussed below. With the addition of these OATS data elements to the CAT, the CAT will have the data elements necessary to retire OATS.

A. Information Barrier Identification

The FINRA OATS rules require OATS Reporting Members⁶ to record the identification of information barriers for certain order events, including when an order is received or originated, transmitted to a department within the OATS Reporting Member, and when it is modified. The Participants propose to amend the Compliance Rule to incorporate these requirements into the CAT.

Specifically, FINRA Rule 7440(b)(20) requires a FINRA OATS Reporting Member to record the following when an order is received or originated: “if the member is relying on the exception provided in Rule 5320.02 with respect to the order, the unique

⁵ Letter from Participants to Brent J. Fields, Secretary, SEC, re: File Number 4-698; Notice of Filing of the National Market System Plan Governing the Consolidated Audit Trail (September 23, 2016) at 21 (“Participants’ Response to Comments”) (available at <https://www.sec.gov/comments/4-698/4698-32.pdf>).

⁶ An OATS “Reporting Member” is defined in FINRA Rule 7410(o).

identification of any appropriate information barriers in place at the department within the member where the order was received or originated.”⁷ The Compliance Rule does not require Industry Members to report such information barrier information. To address this OATS-CAT data gap, the Exchange proposes to add new paragraph (a)(1)(A)(7) to Rule 4.7, which would require Industry Members to record and report to the Central Repository, for original receipt or origination of an order, “the unique identification of any appropriate information barriers in place at the department within the Industry Member where the order was received or originated.”

In addition, FINRA Rule 7440(c)(1) states that “[w]hen a Reporting Member transmits an order to a department within the member, the Reporting Member shall record: . . . (H) if the member is relying on the exception provided in Rule 5320.02 with respect to the order, the unique identification of any appropriate information barriers in place at the department within the member to which the order was transmitted.” The Compliance Rule does not require Industry Members to report such information barrier information. To address this OATS-CAT data gap, the Exchange proposes to revise paragraph (a)(1)(B)(6) of Rule 4.7 to require, for the routing of an order, if routed internally at the Industry Member, “the unique identification of any appropriate information barriers in place at the department within the Industry Member to which the order was transmitted.”

FINRA Rule 7440(c)(2)(B) and 7440(c)(4)(B) require an OATS Reporting Member that receives an order transmitted from another member to report the unique identification of any appropriate information barriers in place at the department within

⁷ FINRA Rule 5320 prohibits trading ahead of customer orders.

the member to which the order was transmitted. The Compliance Rule not require Industry Members to report such information barrier information. To address this OATS-CAT data gap, the Exchange proposes to add new paragraph (a)(1)(C)(7) to Rule 4.7, which would require Industry Members to record and report to the Central Repository, for the receipt of an order that has been routed, “the unique identification of any appropriate information barriers in place at the department within the Industry Member which received the order.”

FINRA Rule 7440(d)(1) requires an OATS Reporting Member that modifies or receives a modification to the terms of an order to report the unique identification of any appropriate information barriers in place at the department within the member to which the modification was originated or received. The Compliance Rule does not require Industry Members to report such information barrier information. To address this OATS-CAT data gap, the Exchange proposes to add new paragraph (a)(1)(D)(7) to Rule 4.7, which would require Industry Members to record and report to the Central Repository, if the order is modified or cancelled, “the unique identification of any appropriate information barriers in place at the department within the Industry Member which received or originated the modification.”

B. Reporting Requirements for ATs

Under FINRA Rule 4554, ATs that receive orders in NMS stocks are required to report certain order information to OATS, which FINRA uses to reconstruct ATs order books and perform order-based surveillance, including layering, spoofing, and mid-point pricing manipulation surveillance.⁸ The Participants believe that Industry Members

⁸ See FINRA *Regulatory Notice* 16-28 (August 2016).

operating ATSS – whether such ATS trades NMS stocks or OTC Equity Securities – should likewise be required to report this information to the CAT. Because ATSS that trade NMS stocks are already recording this information and reporting it to OATS, the Participants believe that reporting the same information to the CAT should impose little burden on these ATSS. Moreover, including this information in the CAT is also necessary for FINRA to be able to retire the OATS system. The Participants similarly believe that obtaining the same information from ATSS that trade OTC Equity Securities will be important for purposes of reconstructing ATS order books and surveillance. Accordingly, the Exchange proposes to add to the data reporting requirements in the Compliance Rule the reporting requirements for ATSS in FINRA Rule 4554,⁹ but to expand such requirements so that they are applicable to all ATSS rather than solely to ATSS that trade NMS stocks.

(i) New Definition

The Exchange proposes to add a definition of “ATS” to new paragraph (d) of Rule 4.5 to facilitate the addition to the CAT of the reporting requirements for ATSS set forth in FINRA Rule 4554. The Exchange proposes to define an “ATS” to mean “an

⁹ FINRA Rule 4554 was approved by the SEC on May 10, 2016, while the CAT NMS Plan was pending with the Commission. *See* Securities Exchange Act Release No. 77798 (May 10, 2016), 81 Fed. Reg. 30395 (May 16, 2016) (Order Approving SR-FINRA-2016-010). As noted in the Participants’ Response to Comments, throughout the process of developing the Plan, the Participants worked to keep the gap analyses for OATS, electronic blue sheets, and the CAT up-to-date, which included adding data fields related to the tick size pilot and ATS order book amendments to the OATS rules. *See* Participants’ Response to Comments at 21. However, due to the timing of the expiration of the tick size pilot, the Participants decided not to include those data elements into the CAT NMS Plan.

alternative trading system, as defined in Rule 300(a)(1) of Regulation ATS under the Exchange Act.”

(ii) ATS Order Type

FINRA Rule 4554(b)(5) requires the following information to be recorded and reported to FINRA by ATSs when reporting receipt of an order to OATS:

A unique identifier for each order type offered by the ATS. An ATS must provide FINRA with (i) a list of all of its order types 20 days before such order types become effective and (ii) any changes to its order types 20 days before such changes become effective. An identifier shall not be required for market and limit orders that have no other special handling instructions.

The Compliance Rule does not require Industry Members to report such order type information to the Central Repository. To address this OATS-CAT data gap, the Exchange proposes to incorporate these requirements into four new provisions to the Compliance Rule: paragraphs (a)(1)(A)(11)(a), (a)(1)(C)(10)(a), (a)(1)(D)(9)(a) and (a)(2)(D) of Rule 4.7.

Proposed paragraph (a)(1)(A)(11)(a) of Rule 4.7 would require an Industry Member that operates an ATS to record and report to the Central Repository for the original receipt or origination of an order “the ATS’s unique identifier for the order type of the order.” Proposed paragraph (a)(1)(C)(10)(a) of Rule 4.7 would require an Industry Member that operates an ATS to record and report to the Central Repository for the receipt of an order that has been routed “the ATS’s unique identifier for the order type of the order.” Proposed paragraph (a)(1)(D)(9)(a) of Rule 4.7 would require an Industry

Member that operates an ATS to record and report to the Central Repository if the order is modified or cancelled “the ATS’s unique identifier for the order type of the order.”

Furthermore, as with the requirements in FINRA Rule 4554(b)(5), proposed paragraph (a)(2)(D) of Rule 4.7 would state that:

An Industry Member that operates an ATS must provide to the Central Repository: (1) a list of all of its order types twenty (20) days before such order types become effective; and (2) any changes to its order types twenty (20) days before such changes become effective. An identifier shall not be required for market and limit orders that have no other special handling instructions.

(iii) National Best Bid and Offer

FINRA Rules 4554(b)(6) and (7) require the following information to be recorded and reported to FINRA by ATSs when reporting receipt of an order to OATS:

(6) The NBBO (or relevant reference price) in effect at the time of order receipt and the timestamp of when the ATS recorded the effective NBBO (or relevant reference price); and

(7) Identification of the market data feed used by the ATS to record the NBBO (or other reference price) for purposes of subparagraph (6). If for any reason, the ATS uses an alternative feed than what was reported on its ATS data submission, the ATS must notify FINRA of the fact that an alternative source was used, identify the alternative source, and specify the date(s), time(s) and securities for which the alternative source was used.

Similarly, FINRA Rule 4554(c) requires the following information to be recorded and reported to FINRA by ATSS when reporting the execution of an order to OATS:

- (1) The NBBO (or relevant reference price) in effect at the time of order execution;
- (2) The timestamp of when the ATS recorded the effective NBBO (or relevant reference price); and
- (3) Identification of the market data feed used by the ATS to record the NBBO (or other reference price) for purposes of subparagraph (1). If for any reason, the ATS uses an alternative feed than what was reported on its ATS data submission, the ATS must notify FINRA of the fact that an alternative source was used, identify the alternative source, and specify the date(s), time(s) and securities for which the alternative source was used.

The Compliance Rule does not require Industry Members to report such NBBO information to the Central Repository. To address this OATS-CAT data gap, the Exchange proposes to incorporate these requirements into four new provisions to the Compliance Rule: (a)(1)(A)(11)(b)-(c), (a)(1)(C)(10)(b)-(c), (a)(1)(D)(9)(b)-(c) and (a)(1)(E)(8)(a)-(b) of Rule 4.7.

Specifically, proposed paragraph (a)(1)(A)(11)(b)-(c) of Rule 4.7 would require an Industry Member that operates an ATS to record and report to the Central Repository the following information when reporting the original receipt or origination of order:

- (2) the National Best Bid and National Best Offer (or relevant reference price) at the time of order receipt or origination, and the date and time at

which the ATS recorded such National Best Bid and National Best Offer

(or relevant reference price);

(3) the identification of the market data feed used by the ATS to record the National Best Bid and National Best Offer (or relevant reference price) for purposes of subparagraph (11)(b). If for any reason the ATS uses an alternative market data feed than what was reported on its ATS data submission, the ATS must provide notice to the Central Repository of the fact that an alternative source was used, identify the alternative source, and specify the date(s), time(s) and securities for which the alternative source was used.

Similarly, proposed paragraphs (a)(1)(C)(10)(b)-(c), (a)(1)(D)(9)(b)-(c) and (a)(1)(E)(8)(a)-(b) of Rule 4.7 would require an Industry Member that operates an ATS to record and report to the Central Repository the same information when reporting receipt of an order that has been routed, when reporting if the order is modified or cancelled, and when an order has been executed, respectively.

(iv) Sequence Numbers

FINRA Rule 4554(d) states that “[f]or all OATS-reportable event types, all ATSs must record and report to FINRA the sequence number assigned to the order event by the ATS’s matching engine.” The Compliance Rule does not require Industry Members to report ATS sequence numbers to the Central Repository. To address this OATS-CAT data gap, the Exchange proposes to incorporate this requirement regarding ATS sequence numbers into each of the Reportable Events for the CAT. Specifically, the Exchange proposes to add proposed paragraph (a)(1)(A)(11)(d) to Rule 4.7, which would require an

Industry Member that operates an ATS to record and report to the Central Repository “the sequence number assigned to the receipt or origination of the order by the ATS’s matching engine.” The Exchange proposes to add proposed paragraph (a)(1)(B)(8) to Rule 4.7, which would require an Industry Member that operates an ATS to record and report to the Central Repository “the sequence number assigned to the routing of the order by the ATS’s matching engine.” The Exchange also proposes to add proposed paragraph (a)(1)(C)(10)(d) to Rule 4.7, which would require an Industry Member that operates an ATS to record and report to the Central Repository “the sequence number assigned to the receipt of the order by the ATS’s matching engine.” In addition, the Exchange proposes to add proposed paragraph (a)(1)(D)(9)(d) to Rule 4.7, which would require an Industry Member that operates an ATS to record and report to the Central Repository “the sequence number assigned to the modification or cancellation of the order by the ATS’s matching engine.” Finally, the Exchange proposes to add proposed paragraph (a)(1)(E)(8)(c) to Rule 4.7, which would require an Industry Member that operates an ATS to record and report to the Central Repository “the sequence number assigned to the execution of the order by the ATS’s matching engine.”

(v) Modification or Cancellation of Orders by ATSS

FINRA Rule 4554(f) states that “[f]or an ATS that displays subscriber orders, each time the ATS’s matching engine re-prices a displayed order or changes the display quantity of a displayed order, the ATS must report to OATS the time of such modification,” and “the applicable new display price or size.” The Exchange proposes adding a comparable requirement into new paragraph (a)(1)(D)(9)(e) to Rule 4.7. Specifically, proposed new paragraph (a)(1)(D)(9)(e) of Rule 4.7 would require an

Industry Member that operates an ATS to report to the Central Repository, if the order is modified or cancelled, “each time the ATS’s matching engine re-prices an order or changes the quantity of an order,” the ATS must report to the Central Repository “the time of such modification, and the applicable new price or size.” Proposed paragraph (a)(1)(D)(9)(e) of Rule 4.7 would apply to all ATSs, not just ATSs that display orders.

(vi) Display of Subscriber Orders

FINRA Rule 4554(b)(1) requires the following information to be recorded and reported to FINRA by ATSs when reporting receipt of an order to OATS:

Whether the ATS displays subscriber orders outside the ATS (other than to alternative trading system employees). If an ATS does display subscriber orders outside the ATS (other than to alternative trading system employees), indicate whether the order is displayed to subscribers only or through publicly disseminated quotation data);

The Compliance Rule does not require Industry Members to report to the CAT such information about the displaying of subscriber orders. The Exchange proposes to add comparable requirements into proposed paragraphs (a)(1)(A)(11)(e) and (a)(1)(C)(10)(e) of Rule 4.7. Specifically, proposed paragraph (a)(1)(A)(11)(e) would require an Industry Member that operates an ATS to report to the Central Repository, for the original receipt or origination of an order,

whether the ATS displays subscriber orders outside the ATS (other than to alternative trading system employees). If an ATS does display subscriber orders outside the ATS (other than to alternative trading system

employees), indicate whether the order is displayed to subscribers only or through publicly disseminated quotation data.

Similarly, proposed paragraph (a)(1)(C)(10)(e) of Rule 4.7 would require an Industry Member that operates an ATS to record and report to the Central Repository the same information when reporting receipt of an order that has been routed.

C. Customer Instruction Flag

FINRA Rule 7440(b)(14) requires a FINRA OATS Reporting Member to record the following when an order is received or originated: “any request by a customer that a limit order not be displayed, or that a block size limit order be displayed, pursuant to applicable rules.” The Compliance Rule does not require Industry Members to report to the CAT such a customer instruction flag. To address this OATS-CAT data gap, the Exchange proposes to add paragraph (a)(1)(A)(8) to Rule 4.7, which would require Industry Members to record and report to the Central Repository, for original receipt or origination of an order, “any request by a Customer that a limit order not be displayed, or that a block size limit order be displayed, pursuant to applicable rules.” The Exchange also proposes to add paragraph (a)(1)(C)(9) to Rule 4.7, which would require Industry Members to record and report to the Central Repository, for the receipt of an order that has been routed, “any request by a Customer that a limit order not be displayed, or that a block size limit order be displayed, pursuant to applicable rules.”

FINRA Rule 7440(d)(1) requires an OATS Reporting Member that modifies or receives a modification of an order to report the customer instruction flag. The Compliance Rule does not require Industry Members to report such a customer

instruction flag. To address this OATS-CAT data gap, the Exchange proposes to add paragraph (a)(1)(D)(8) to Rule 4.7 which would require Industry Members to record and report to the Central Repository, if the order is modified or cancelled, “any request by a Customer that a limit order not be displayed, or that a block size limit order be displayed, pursuant to applicable rules.”

D. Department Type

FINRA Rules 7440(b)(4) and (5) require an OATS Reporting Member that receives or originates an order to record the following information: “the identification of any department or the identification number of any terminal where an order is received directly from a customer” and “where the order is originated by a Reporting Member, the identification of the department of the member that originates the order.” The Compliance Rule does not require Industry Members to report to the CAT information regarding the department or terminal where the order is received or originated. To address this OATS-CAT data gap, the Exchange proposes to add paragraph (a)(1)(A)(9) to Rule 4.7, which would require Industry Members to record and report to the Central Repository upon the original receipt or origination of an order “the nature of the department or desk that originated the order, or received the order from a Customer.”

Similarly, per FINRA Rules 7440(c)(2)(B) and (4)(B), when an OATS Reporting Member receives an order that has been transmitted by another Member, the receiving OATS Reporting Member is required to record the information required in 7440(b)(4) and (5) described above as applicable. The Compliance Rule does not require Industry Members to report to the CAT information regarding the department that received an order. To address this OATS-CAT data gap, the Exchange propose to add paragraph

(a)(1)(C)(8) to Rule 4.7 which would require Industry Members to record and report to the Central Repository upon the receipt of an order that has been routed “the nature of the department or desk that received the order.”

E. Account Holder Type

FINRA Rule 7440(b)(18) requires an OATS Reporting Member that receives or originates an order to record the following information: “the type of account, i.e., retail, wholesale, employee, proprietary, or any other type of account designated by FINRA, for which the order is submitted.” The Compliance Rule does not require Industry Members to report to the CAT information regarding the type of account holder for which the order is submitted. To address this OATS-CAT data gap, the Exchange proposes to add paragraph (a)(1)(A)(10) to Rule 4.7, which would require Industry Members to record and report to the Central Repository upon the original receipt or origination of an order “the type of account holder for which the order is submitted.”

ii. OTC Equity Securities

The Participants have identified several data elements related to OTC Equity Securities that FINRA currently receives from ATSS that trade OTC Equity Securities for regulatory oversight purposes, but are not currently included in CAT Data. In particular, the Participants identified three data elements that need to be added to the CAT: (1) bids and offers for OTC Equity Securities; (2) a flag indicating whether a quote in OTC Equity Securities is solicited or unsolicited; and (3) unpriced bids and offers in OTC Equity Securities. The Participants believe that such data will continue to be important for regulators to oversee the OTC Equity Securities market when using the CAT. Moreover, the Participants do not believe that the proposed requirement would burden

ATSS because they currently report this information to FINRA and thus the reporting requirement would merely shift from FINRA to the CAT. Accordingly, as discussed below, the Exchange proposes to amend its Compliance Rule to include these data elements.

A. Bids and Offers for OTC Equity Securities

In performing its current regulatory oversight, FINRA receives a data feed of the best bids and offers in OTC Equity Securities from ATSS that trade OTC Equity Securities. These best bid and offer data feeds for OTC Equity Securities are similar to the best bid and offer SIP Data required to be collected by the Central Repository with regard to NMS Securities.¹⁰ Accordingly, the Exchange proposes to add paragraph (f)(1) to Rule 4.7 to require the reporting of the best bid and offer data feeds for OTC Equity Securities to the CAT. Specifically, proposed paragraph (f)(1) of Rule 4.7 would require each Industry Member that operates an ATS that trades OTC Equity Securities to provide to the Central Repository “the best bid and best offer for each OTC Equity Security traded on such ATS.”

B. Unsolicited Bid or Offer Flag

FINRA also receives from ATSS that trade OTC Equity Securities an indication whether each bid or offer in OTC Equity Securities on such ATS was solicited or unsolicited. Therefore, the Exchange proposes to add paragraph (f)(2) to Rule 4.7 to require the reporting to the CAT of an indication as to whether a bid or offer was solicited or unsolicited. Specifically, proposed paragraph (f)(2) of Rule 4.7 would require each Industry Member that operates an ATS that trades OTC Equity Securities to

¹⁰ Section 6.5(a)(ii) of the CAT NMS Plan.

provide to the Central Repository “an indication of whether each bid and offer for OTC Equity Securities was solicited or unsolicited.”

C. Unpriced Bids and Offers

FINRA receives from ATSS that trade OTC Equity Securities certain unpriced bids and offers for each OTC Equity Security traded on the ATS. Therefore, the Exchange proposes to add paragraph (f)(3) to Rule 4.7, which would require each Industry Member that operates an ATS that trades OTC Equity Securities to provide to the Central Repository “the unpriced bids and offers for each OTC Equity Security traded on such ATS.”

iii. Revised Industry Member Reporting Timeline

On February 19, 2020, the Participants filed with the Commission a request for exemptive relief from certain provisions of the CAT NMS Plan to allow for the implementation of phased reporting to the CAT by Industry Members (“Phased Reporting”).¹¹ Specifically, in their exemptive request, the Participants requested that the SEC exempt each Participant from the requirement in Section 6.7(a)(v) of the CAT NMS Plan for each Participant, through its Compliance Rule, to require its Industry Members other than Small Industry Members (“Large Industry Members”) to report to the Central Repository Industry Member Data within two years of the Effective Date (that is, by November 15, 2018). In addition, the Participants requested that the SEC exempt each Participant from the requirement in Section 6.7(a)(vi) of the CAT NMS Plan for each

¹¹ See Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemption from Provisions of the National Market System Plan Governing the Consolidated Audit Trail related to Industry Member Reporting Dates (Feb. 19, 2020).

Participant, through its Compliance Rule, to require its Small Industry Members¹² to report to the Central Repository Industry Member Data within three years of the Effective Date (that is, by November 15, 2019). Correspondingly, the Participants requested that the SEC provide an exemption from the requirement in Section 6.4 of the CAT NMS Plan that “[t]he requirements for Industry Members under this Section 6.4 shall become effective on the second anniversary of the Effective Date in the case of Industry Members other than Small Industry Members, or the third anniversary of the Effective Date in the case of Small Industry Members.” On April 20, 2020, the SEC granted the Participants exemptive relief to implement Phased Reporting, subject to certain timeline changes and conditions.¹³

As a condition to the exemption, each Participant would implement Phased Reporting through its Compliance Rule by requiring:

(1) its Large Industry Members and its Small Industry Members that are required to record or report information to OATS pursuant to applicable SRO rules (“Small Industry OATS Reporters”) to commence reporting to the Central Repository Phase 2a Industry Member Data by June 22, 2020, and its Small Industry Non-OATS Reporters to

¹² See Section 1.1 of the CAT NMS Plan.

¹³ See Securities Exchange Act Release No. 88702 (April 20, 2020), 85 FR 23075 (April 24, 2020). As discussed in the SEC’s exemptive order, the Commission granted the Participants conditional exemptive relief from the CAT NMS Plan so that the Compliance Rules may require Phase 2a reporting to commence on June 22, 2020, rather than the April 20, 2020 date set forth in the exemptive request, and Phase 2b reporting to commence on July 20, 2020, rather than the May 18, 2020 date set forth in the exemptive request. As a condition to the exemptive relief, Industry Members who elect to report to the CAT prior to such dates will be permitted to report to the CAT as early as April 20, 2020 for Phase 2a reporting and as early as May 18, 2020 for Phase 2b reporting.

commence reporting to the Central Repository Phase 2a Industry Member Data by December 13, 2021;

(2) its Large Industry Members to commence reporting to the Central Repository Phase 2b Industry Member Data by July 20, 2020, and its Small Industry Members to commence reporting to the Central Repository Phase 2b Industry Member Data by December 13, 2021;

(3) its Large Industry Members to commence reporting to the Central Repository Phase 2c Industry Member Data by April 26, 2021, and its Small Industry Members to commence reporting to the Central Repository Phase 2c Industry Member Data by December 13, 2021;

(4) its Large Industry Members and Small Industry Members to commence reporting to the Central Repository Phase 2d Industry Member Data by December 13, 2021; and

(5) its Large Industry Members and Small Industry Members to commence reporting to the Central Repository Phase 2e Industry Member Data by July 11, 2022. The full scope of CAT Data required under the CAT NMS Plan will be required to be reported when all five phases of the Phased Reporting have been implemented, subject to any applicable exemptive relief or amendments related to the CAT NMS Plan.

As a further condition to the exemption, each Participant proposes to implement the testing timelines described in Section F below through its Compliance Rule by requiring the following:

(1) Industry Member file submission and data integrity testing for Phases 2a and 2b begins in December 2019.

(2) Industry Member testing of the Reporter Portal, including data integrity error correction tools and data submissions, begins in February 2020.

(3) The Industry Member test environment will be open with intra-firm linkage validations to Industry Members for both Phases 2a and 2b in April 2020.

(4) The Industry Member test environment will be open to Industry Members with inter-firm linkage validations for both Phases 2a and 2b in July 2020.

(5) The Industry Member test environment will be open to Industry Members with Phase 2c functionality (full representative order linkages) in January 2021.

(6) The Industry Member test environment will be open to Industry Members with Phase 2d functionality (manual options orders, complex options orders, and options allocations) in June 2021.

(7) Participant exchanges that support options market making quoting will begin accepting Quote Sent Time on quotes from Industry Members no later than April 2020.

(8) The Industry Member test environment (customer and account information) will be open to Industry Members in January 2022.

As a result, the Exchange proposes to amend its Compliance Rule to be consistent with the exemptive relief to implement Phased Reporting as described below.

A. Phase 2a

In the first phase of Phased Reporting, referred to as Phase 2a, Large Industry Members and Small Industry OATS Reporters would be required to report to the Central Repository “Phase 2a Industry Member Data” by June 22, 2020.¹⁴ To implement the

¹⁴ Small Industry Members that are not required to record and report information to FINRA’s OATS pursuant to applicable SRO rules (“Small Industry Non-OATS Reporters”) would be required to report to the Central Repository “Phase 2a

Phased Reporting for Phase 2a, the Exchange proposes to add paragraph (t)(1) of Rule 4.5 (previously paragraph (s)) and amend paragraphs (c)(1) and (2) of Rule 4.16.

(i) Scope of Reporting in Phase 2a

To implement the Phased Reporting with respect to Phase 2a, the Exchange proposes to add a definition of “Phase 2a Industry Member Data” as paragraph (t)(1) of Rule 4.5. Specifically, the Exchange proposes to define the term “Phase 2a Industry Member Data” as “Industry Member Data required to be reported to the Central Repository commencing in Phase 2a.” Phase 2a Industry Member Data would include Industry Member Data solely related to Eligible Securities that are equities. While the following summarizes categories of Industry Member Data required for Phase 2a, the Industry Member Technical Specifications provide detailed guidance regarding the reporting for Phase 2a.¹⁵

Phase 2a Industry Member Data would include all events and scenarios covered by OATS. FINRA Rule 7440 describes the OATS requirements for recording information, which includes information related to the receipt or origination of orders, order transmittal, and order modifications, cancellations and executions. Large Industry Members and Small Industry OATS Reporters would be required to submit data to the CAT for these same events and scenarios during Phase 2a. The inclusion of all OATS events and scenarios in the CAT is intended to facilitate the retirement of OATS.

Phase 2a Industry Member Data also would include Reportable Events for:

Industry Member Data” by December 13, 2021, which is approximately seventeen months after Large Industry Members and Small Industry OATS Reporters begin reporting.

¹⁵ The items required to be reported commencing in Phase 2a do not include the items required to be reported in Phase 2c or Phase 2d, as discussed below.

- proprietary orders, including market maker orders, for Eligible Securities that are equities;
- electronic quotes in listed equity Eligible Securities (*i.e.*, NMS stocks) sent to a national securities exchange or FINRA’s Alternative Display Facility (“ADF”);
- electronic quotes in unlisted Eligible Securities (*i.e.*, OTC Equity Securities) received by an Industry Member operating an interdealer quotation system (“IDQS”); and
- electronic quotes in unlisted Eligible Securities sent to an IDQS or other quotation system not operated by a Participant or Industry Member.

Phase 2a Industry Member Data would include Firm Designated IDs. During Phase 2a, Industry Members would be required to report Firm Designated IDs to the CAT, as required by paragraphs (a)(1)(A)(1), and (a)(2)(C) of Rule 4.7. Paragraph (a)(1)(A)(1) of Rule 4.7 requires Industry Members to submit the Firm Designated ID for the original receipt or origination of an order. Paragraph (a)(2)(C) of Rule 4.7 requires Industry Members to record and report to the Central Repository, for original receipt and origination of an order, the Firm Designated ID if the order is executed, in whole or in part.

In Phase 2a, Industry Members would be required to report all street side representative orders, including both agency and proprietary orders and mark such orders as representative orders, except in certain limited exceptions as described in the Industry Member Technical Specifications. A representative order is an order originated in a firm owned or controlled account, including principal, agency average price and omnibus

accounts, by an Industry Member for the purpose of working one or more customer or client orders.

In Phase 2a, Industry Members would be required to report the link between the street side representative order and the order being represented when: (1) the representative order was originated specifically to represent a single order received either from a customer or another broker-dealer; and (2) there is (a) an existing direct electronic link in the Industry Member's system between the order being represented and the representative order and (b) any resulting executions are immediately and automatically applied to the represented order in the Industry Member's system.

Phase 2a Industry Member Data also would include the manual and Electronic Capture Time for Manual Order Events. Specifically, for each Reportable Event in Rule 4.7, Industry Members would be required to provide a timestamp pursuant to Rule 4.10. Rule 4.10(b)(1) states that

Each Industry Member may record and report: Manual Order Events to the Central Repository in increments up to and including one second, provided that each Industry Members shall record and report the time when a Manual Order Event has been captured electronically in an order handling and execution system of such Industry Member ("Electronic Capture Time") in milliseconds.

Accordingly, for Phase 2a, Industry Members would be required to provide both the manual and Electronic Capture Time for Manual Order Events.¹⁶

¹⁶ Industry Members would be required to provide an Electronic Capture Time following the manual capture time only for new orders that are Manual Order Events and, in certain instances, routes that are Manual Order Events. The

Industry Members would be required to report special handling instructions for the original receipt or origination of an order during Phase 2a. In addition, during Phase 2a, Industry Members will be required to report, when routing an order, whether the order was routed as an intermarket sweep order (“ISO”). Industry Members would be required to report special handling instructions on routes other than ISOs in Phase 2c, rather than Phase 2a.

In Phase 2a, Industry Members would not be required to report modifications of a previously routed order in certain limited instances. Specifically, if a trader or trading software modifies a previously routed order, the routing firm is not required to report the modification of an order route if the destination to which the order was routed is a CAT Reporter that is required to report the corresponding order activity. If, however, the order was modified by a Customer or other non-CAT Reporter, and subsequently the routing Industry Member sends a modification to the destination to which the order was originally routed, then the routing Industry Member must report the modification of the order route.¹⁷ In addition, in Phase 2a, Industry Members would not be required to report a cancellation of an order received from a Customer after the order has been executed.

(ii) Timing of Phase 2a Reporting

Pursuant to paragraph (c)(1) of Rule 4.16, Large Industry Members are required to begin reporting to the CAT by November 15, 2018. To implement the Phased Reporting for Phase 2a for Large Industry Members, the Exchange proposes to delete the November 15, 2018 date and to supplement paragraph (c)(1) of Rule 4.16 with new

Electronic Capture Time would not be required for other Manual Order Events.

¹⁷ This approach is comparable to the approach set forth in OATS Compliance FAQ 35.

paragraph (c)(1)(A) of Rule 4.16, which would state, in relevant part, that “Each Industry Member (other than a Small Industry Member) shall record and report the Industry Member Data to the Central Repository, as follows: (A) Phase 2a Industry Member Data by June 22, 2020.”

Pursuant to paragraph (c)(2) of Rule 4.16, Small Industry Members are required to begin reporting to the CAT by November 15, 2019. To implement the Phased Reporting for Phase 2a for Small Industry Members, the Exchange proposes to delete the November 15, 2019 date and to supplement paragraph (c)(2) of Rule 4.16 with new paragraphs (c)(2)(A) and (B) of Rule 4.16. Proposed paragraph (c)(2)(A) of Rule 4.16 would state that

Each Industry Member that is a Small Industry Member shall record and report the Industry Member Data to the Central Repository, as follows:

(A) Small Industry Members that are required to record or report information to FINRA’s Order Audit Trail System pursuant to applicable SRO rules (“Small Industry OATS Reporter”) to report to the Central Repository Phase 2a Industry Member Data by June 22, 2020.

Proposed paragraph (c)(2)(B) of Rule 4.16 would state that “Small Industry Members that are not required to record or report information to FINRA’s Order Audit Trail System pursuant to applicable SRO rules (“Small Industry Non-OATS Reporter”) to report to the Central Repository Phase 2a Industry Member Data by December 13, 2021.”

B. Phase 2b

In the second phase of the Phased Reporting, referred to as Phase 2b, Large Industry Members would be required to report to the Central Repository “Phase 2b

Industry Member Data” by July 20, 2020. Small Industry Members would be required to report to the Central Repository “Phase 2b Industry Member Data” by December 13, 2021, which is approximately seventeen months after Large Industry Members begin reporting such data to the Central Repository. To implement the Phased Reporting for Phase 2b, the Exchange proposes to add paragraph (t)(2) to Rule 4.5 and amend paragraphs (c)(1) and (2) of Rule 4.16.

(i) Scope of Phase 2b Reporting

To implement the Phased Reporting with respect to Phase 2b, the Exchange proposes to add a definition of “Phase 2b Industry Member Data” as paragraph (t)(2) to Rule 4.5. Specifically, the Exchange proposes to define the term “Phase 2b Industry Member Data” as “Industry Member Data required to be reported to the Central Repository commencing in Phase 2b.” Phase 2b Industry Member Data is described in detail in the Industry Member Technical Specifications for Phase 2b. While the following summarizes the categories of Industry Member Data required for Phase 2b, the Industry Member Technical Specifications provide detailed guidance regarding the reporting for Phase 2b.

Phase 2b Industry Member Data would include Industry Member Data related to Eligible Securities that are options and related to simple electronic option orders, excluding electronic paired option orders.¹⁸ A simple electronic option order is an order to buy or sell a single option that is not related to or dependent on any other transaction for pricing and timing of execution that is either received or routed electronically by an Industry Member. Electronic receipt of an order is defined as the initial receipt of an

¹⁸ The items required to be reported in Phase 2b do not include the items required to be reported in Phase 2d, as discussed below in Section A.4.

order by an Industry Member in electronic form in standard format directly into an order handling or execution system. Electronic routing of an order is the routing of an order via electronic medium in standard format from one Industry Member's order handling or execution system to an exchange or another Industry Member. An electronic paired option order is an electronic option order that contains both the buy and sell side that is routed to another Industry Member or exchange for crossing and/or price improvement as a single transaction on an exchange. Responses to auctions of simple orders and paired simple orders are also reportable in Phase 2b.

Furthermore, combined orders in options would be treated in Phase 2b in the same way as equity representative orders are treated in Phase 2a. A combined order would mean, as permitted by Exchange rules, a single, simple order in Listed Options created by combining individual, simple orders in Listed Options from a customer with the same exchange origin code before routing to an exchange. During Phase 2b, the single combined order sent to an exchange must be reported and marked as a combined order, but the linkage to the underlying orders is not required to be reported until Phase 2d.

(ii) Timing of Phase 2b Reporting

Pursuant to paragraph (c)(1) of Rule 4.16, Large Industry Members are required to begin reporting to the CAT by November 15, 2018. To implement the Phased Reporting for Phase 2b for Large Industry Members, the Exchange proposes to delete the November 15, 2018 date and to supplement paragraph (c)(1) of Rule 4.16 with new paragraph (c)(1)(B) of Rule 4.16, which would state, in relevant part, that "Each Industry Member (other than a Small Industry Member) shall record and report the Industry

Member Data to the Central Repository, as follows: . . . (B) Phase 2b Industry Member Data by July 20, 2020.”

Pursuant to paragraph (c)(2) of Rule 4.16, Small Industry Members are required to begin reporting to the CAT by November 15, 2019. To implement the Phased Reporting for Phase 2b for Small Industry Members, the Exchange proposes to delete the November 15, 2019 date and to supplement paragraph (c)(2) of Rule 4.16 with new paragraph (c)(2)(C) of Rule 4.16, which would state, in relevant part, that “Each Industry Member that is a Small Industry Member shall record and report the Industry Member Data to the Central Repository, as follows: . . . (C) Small Industry Members to report to the Central Repository Phase 2b Industry Member Data . . . by December 13, 2021.”

C. Phase 2c

In the third phase of the Phased Reporting, referred to as Phase 2c, Large Industry Members would be required to report to the Central Repository “Phase 2c Industry Member Data” by April 26, 2021. Small Industry Members would be required to report to the Central Repository “Phase 2c Industry Member Data” by December 13, 2021, which is approximately seven months after Large Industry Members begin reporting such data to the Central Repository. To implement the Phased Reporting for Phase 2c, the Exchange proposes to add paragraph (t)(3) to Rule 4.5 and amend paragraphs (c)(1) and (2) of Rule 4.16.

(i) Scope of Phase 2c Reporting

To implement the Phased Reporting with respect to Phase 2c, the Exchange proposes to add a definition of “Phase 2c Industry Member Data” as paragraph (t)(3) to Rule 4.5. Specifically, the Exchange proposes to define the term “Phase 2c Industry

Member Data” as “Industry Member Data required to be reported to the Central Repository commencing in Phase 2c.” Phase 2c Industry Member Data” would be Industry Member Data related to Eligible Securities that are equities other than Phase 2a Industry Member Data, Phase 2d Industry Member Data or Phase 2e Industry Member Data. Phase 2c Industry Member Data is described in detail in the Industry Member Technical Specifications for Phase 2c. While the following summarizes the categories of Industry Member Data required for Phase 2c, the Industry Member Technical Specifications provide detailed guidance regarding the reporting for Phase 2c.

Phase 2c Industry Member Data would include Industry Member Data that is related to Eligible Securities that are equities and that is related to: (1) Allocation Reports as required to be recorded and reported to the Central Repository pursuant to Section 6.4(d)(ii)(A)(1) of the CAT NMS Plan; (2) quotes in unlisted Eligible Securities sent to an IDQS operated by a CAT Reporter (reportable by the Industry Member sending the quotes) (except for quotes reportable in Phase 2d, as discussed below); (3) electronic quotes in listed equity Eligible Securities (*i.e.*, NMS stocks) that are not sent to a national securities exchange or FINRA’s Alternative Display Facility; (4) reporting changes to client instructions regarding modifications to algorithms; (5) marking as a representative order any order originated to work a customer order in price guarantee scenarios, such as a guaranteed VWAP; (6) flagging rejected external routes to indicate a route was not accepted by the receiving destination; (7) linkage of duplicate electronic messages related to a Manual Order Event between the electronic event and the original manual route; (8) special handling instructions on order route reports (other than the ISO, which is required to be reported in Phase 2a); (9) quote identifier on trade events; (10) reporting of large

trader identifiers¹⁹ (“LTID”) (if applicable) for accounts with Reportable Events that are reportable to CAT as of and including Phase 2c; (11) reporting of date account opened or Account Effective Date²⁰ (as applicable) for accounts and flag indicating the Firm Designated ID type as account or relationship; (12) order effective time for orders that are received by an Industry Member and do not become effective until a later time; (13) the modification or cancellation of an internal route of an order; and (14) linkages to the customer order(s) being represented for all representative order scenarios, including agency average price trades, net trades, aggregated orders, and disconnected Order Management System (“OMS”) - Execution Management System (“EMS”) scenarios, as required in the Industry Member Technical Specifications.²¹

Phase 2c Industry Member Data also includes electronic quotes that are provided by or received in a CAT Reporter’s order/quote handling or execution systems in Eligible Securities that are equities and are provided by an Industry Member to other market participants off a national securities exchange under the following conditions: (1) an

¹⁹ See definition of “Customer Account Information” in Section 1.1 of the CAT NMS Plan. See also Rule 13h-1 under the Exchange Act.

²⁰ See definition of “Customer Account Information” and “Account Effective Date” in Section 1.1 of the CAT NMS Plan. Note that the Exchange also proposes to amend the dates in the definitions of “Account Effective Date” and “Customer Account Information” to reflect the Phased Reporting. Specifically, the Exchange proposes to amend paragraph (m)(2) of Rule 4.5 to replace the references to November 15, 2018 and 2019 with references to the commencement of Phase 2c and Phase 2d. The Exchange also proposes to amend paragraphs (a)(1)(A), (a)(1)(B) and (a)(2)-(5) of Rule 6810 regarding the definition of “Account Effective Date” with similar changes to the dates set forth therein.

²¹ In Phase 2c, for any scenarios that involve orders originated in different systems that are not directly linked, such as a customer order originated in an OMS and represented by a principal order originated in an EMS that is not linked to the OMS, marking and linkages must be reported as required in the Industry Member Technical Specifications.

equity bid or offer is displayed publicly or has been communicated (a) for listed securities to the Alternative Display Facility (ADF) operated by FINRA; or (b) for unlisted equity securities to an “inter-dealer quotation system” as defined in FINRA Rule 6420(c); or (2) an equity bid or offer which is accessible electronically by customers or other market participants and is immediately actionable for execution or routing; i.e., no further manual or electronic action is required by the responder providing the quote in order to execute or cause a trade to be executed). With respect to OTC Equity Securities, OTC Equity Securities quotes sent by an Industry Member to an IDQS operated by an Industry Member CAT Reporter (other than such an IDQS that does not match and execute orders) are reportable by the Industry Member sending them in Phase 2c. Accordingly, any response to a request for quote or other form of solicitation response provided in standard electronic format (e.g., FIX) that meets this quote definition (i.e., an equity bid or offer which is accessible electronically by customers or other market participants and is immediately actionable for execution or routing) would be reportable in Phase 2c.

(ii) Timing of Phase 2c Reporting

Pursuant to paragraph (c)(1) of Rule 4.16, Large Industry Members are required to begin reporting to the CAT by November 15, 2018. To implement the Phased Reporting for Phase 2c for Large Industry Members, the Exchange proposes to delete the November 15, 2018 date and to supplement paragraph (c)(1) of Rule 4.16 with new paragraph (c)(1)(C) of Rule 4.16, which would state, in relevant part, that “Each Industry Member (other than a Small Industry Member) shall record and report the Industry Member Data to the Central Repository, as follows: . . . (C) Phase 2c Industry Member Data by April 26, 2021.”

Pursuant to paragraph (c)(2) of Rule 4.16, Small Industry Members are required to begin reporting to the CAT by November 15, 2019. To implement the Phased Reporting for Phase 2c for Small Industry Members, the Exchange proposes to delete the November 15, 2019 date and to supplement paragraph (c)(2) of Rule 4.16 with new paragraph (c)(2)(C) of Rule 4.16, which would state, in relevant part, that “Each Industry Member that is a Small Industry Member shall record and report the Industry Member Data to the Central Repository, as follows: . . . (C) Small Industry Members to report to the Central Repository . . . Phase 2c Industry Member Data . . . by December 13, 2021.”

D. Phase 2d

In the fourth phase of the Phased Reporting, referred to as Phase 2d, Large Industry Members and Small Industry Members would be required to report to the Central Repository “Phase 2d Industry Member Data” by December 13, 2021. To implement the Phased Reporting for Phase 2d, the Exchange proposes to add paragraph (t)(4) to Rule 4.5 and amend paragraphs (c)(1) and (2) of Rule 4.16.

(i) Scope of Phase 2d Reporting

To implement the Phased Reporting with respect to Phase 2d, the Exchange proposes to add a definition of “Phase 2d Industry Member Data” as paragraph (t)(4) to Rule 6.5. Specifically, the Exchange proposes to define the term “Phase 2d Industry Member Data” as “Industry Member Data required to be reported to the Central Repository commencing in Phase 2d.”²²

²² The Participants have determined that reporting information regarding the modification or cancellation of a route is necessary to create the full lifecycle of an order. Accordingly, the Participants require the reporting of information related to the modification or cancellation of a route similar to the data required for the routing of an order and modification and cancellation of an order pursuant

“Phase 2d Industry Member Data” is Industry Member Data that is related to Eligible Securities that are options other than Phase 2b Industry Member Data, Industry Member Data that is related to Eligible Securities that are equities other than Phase 2a Industry Member Data or Phase 2c Industry Member Data, and Industry Member Data other than Phase 2e Industry Member Data. Phase 2d Industry Member Data is described in detail in the Industry Member Technical Specifications for Phase 2d. While the following summarizes the categories of Industry Member Data required for Phase 2d, the Industry Member Technical Specifications provide detailed guidance regarding the reporting for Phase 2d.

Phase 2d Industry Member Data includes with respect to the Eligible Securities that are options: (1) simple manual orders; (2) electronic and manual paired orders; (3) all complex orders with linkages to all CAT-reportable legs; (4) LTIDs (if applicable) for accounts with Reportable Events for Phase 2d; (5) date account opened or Account Effective Date (as applicable) for accounts with an LTID and flag indicating the Firm Designated ID type as account or relationship for such accounts;²³ (6) Allocation Reports as required to be recorded and reported to the Central Repository pursuant to Section 6.4(d)(ii)(A)(1) of the CAT NMS Plan; (7) the modification or cancellation of an internal

to Sections 6.3(d)(ii) and (iv) of the CAT NMS Plan.

²³ As noted above, the Exchange also proposes to amend the dates in the definitions of “Account Effective Date” and “Customer Account Information” to reflect the Phased Reporting. Specifically, the Exchange proposes to amend paragraph (m)(2) of Rule 6.5 to replace the references to November 15, 2018 and 2019 with references to the commencement of Phase 2c and Phase 2d. The Exchange also proposes to amend paragraphs (a)(1)(A), (a)(1)(B) and (a)(2)-(5) of Rule 6810 regarding the definition of “Account Effective Date” with similar changes to the dates set forth therein.

route of an order; and (8) linkage between a combined order and the original customer orders.

Phase 2d Industry Member Data also would include electronic quotes that are provided by or received in a CAT Reporter's order/quote handling or execution systems in Eligible Securities that are options and are provided by an Industry Member to other market participants off a national securities exchange under the following conditions: a listed option bid or offer which is accessible electronically by customers or other market participants and is immediately actionable (i.e., no further action is required by the responder providing the quote in order to execute or cause a trade to be executed). Accordingly, any response to a request for quote or other form of solicitation response provided in standard electronic format (e.g., FIX) that meets this definition would be reportable in Phase 2d for options.

Phase 2d Industry Member Data also would include with respect to Eligible Securities that are options or equities (1) receipt time of cancellation and modification instructions through Order Cancel Request and Order Modification Request events; (2) modifications of previously routed orders in certain instances; and (3) OTC Equity Securities quotes sent by an Industry Member to an IDQS operated by an Industry Member CAT Reporter that does not match and execute orders. In addition, subject to any exemptive or other relief, Phase 2d Industry Member Data will include verbal or manual quotes on an exchange floor or in the over-the-counter market, where verbal quotes and manual quotes are defined as bids or offers in Eligible Securities provided verbally or that are provided or received other than via a CAT Reporter's order handling and execution system (e.g., quotations provided via email or instant messaging).

(ii) Timing of Phase 2d Reporting

Pursuant to paragraph (c)(1) of Rule 4.16, Large Industry Members are required to begin reporting to the CAT by November 15, 2018. To implement the Phased Reporting for Phase 2d for Large Industry Members, the Exchange proposes to delete the November 15, 2018 date and to supplement paragraph (c)(1) of Rule 4.16 with new paragraph (c)(1)(D) of Rule 4.16, which would state, in relevant part, that “[e]ach Industry Member (other than a Small Industry Member) shall record and report the Industry Member Data to the Central Repository, as follows: . . . (D) Phase 2d Industry Member Data by December 13, 2021.”

Pursuant to paragraph (c)(2) of Rule 4.16, Small Industry Members are required to begin reporting to the CAT by November 15, 2019. To implement the Phased Reporting for Phase 2d for Small Industry Members, the Exchange proposes to delete the November 15, 2019 date and to supplement paragraph (c)(2) of Rule 4.16 with new paragraph (c)(2)(C) of Rule 4.16, which would state, in relevant part, that “Each Industry Member that is a Small Industry Member shall record and report the Industry Member Data to the Central Repository, as follows: . . . (C) Small Industry Members to report to the Central Repository . . . Phase 2d Industry Member Data by December 13, 2021.”

E. Phase 2e

In the fifth phase of Phased Reporting, referred to as Phase 2e, both Large Industry Members and Small Industry Members would be required to report to the Central Repository “Phase 2e Industry Member Data” by July 11, 2022. To implement the Phased Reporting for Phase 2e, the Exchange proposes to add paragraph (t)(5) to Rule 4.5 and amend paragraphs (c)(1) and (2) of Rule 4.16.

(i) Scope of Phase 2e Reporting

To implement the Phased Reporting with respect to Phase 2e, the Exchange proposes to add a definition of “Phase 2e Industry Member Data” as paragraph (t)(5) of Rule 4.16. Specifically, the Exchange proposes to define the term “Phase 2e Industry Member Data” as “Industry Member Data required to be reported to the Central Repository commencing in Phase 2e. The full scope of Industry Member Data required by the CAT NMS Plan will be required to be reported to the CAT when Phase 2e has been implemented, subject to any applicable exemptive relief or amendments to the CAT NMS Plan.” LTIDs and Account Effective Date are both required to be reported in Phases 2c and 2d in certain circumstances, as discussed above. The terms “Customer Account Information” and “Customer Identifying Information” are defined in Rule 4.5 of the Compliance Rule.²⁴ The Industry Member Technical Specifications provide detailed guidance regarding the reporting for Phase 2e.

(ii) Timing of Phase 2e Reporting

Pursuant to paragraph (c)(1) of Rule 4.16, Large Industry Members are required to begin reporting to the CAT by November 15, 2018. To implement the Phased

²⁴ The term “Customer Account Information” includes account numbers, and the term “Customer Identifying Information” includes, with respect to individuals, dates of birth and SSNs. *See* Rule 4.5. The Participants have received exemptive relief from the requirements for the Participants to require their members to provide dates of birth, account numbers and social security numbers for individuals to the CAT. *See* Securities Exchange Act Release No. 88393 (March 17, 2020), 85 FR 16152 (March 20, 2020). *See also* Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemptive Relief from Certain Provisions of the CAT NMS Plan related to Social Security Numbers, Dates of Birth and Account Numbers (Jan. 29, 2020). Given the relief has been granted, Phase 2e Industry Member Data will not include account numbers, dates of birth and SSNs for individuals.

Reporting for Phase 2e for Large Industry Members, the Exchange proposes to delete the November 15, 2018 date and to supplement paragraph (c)(1) of Rule 4.16 with new paragraph (c)(1)(E) of Rule 4.16, which would state, in relevant part, that “[e]ach Industry Member (other than a Small Industry Member) shall record and report the Industry Member Data to the Central Repository, as follows: . . . (E) Phase 2e Industry Member Data by July 11, 2022.”

Pursuant to paragraph (c)(2) of Rule 4.16, Small Industry Members are required to begin reporting to the CAT by November 15, 2019. To implement the Phased Reporting for Phase 2e for Small Industry Members, the Exchange proposes to delete the November 15, 2019 date and to supplement paragraph (c)(2) of Rule 4.16 with new paragraph (c)(2)(D) of Rule 4.16, which would state, in relevant part, that “[e]ach Industry Member that is a Small Industry Member shall record and report the Industry Member Data to the Central Repository, as follows: . . . (E) Small Industry Members to report to the Central Repository Phase 2e Industry Member Data by July 11, 2022.”

F. Industry Member Testing Requirements

Rule 4.13(a) sets forth various compliance dates for the testing and development for connectivity, acceptance and the submission order data. In light of the intent to shift to Phased Reporting in place of the two specified dates for the commencement of reporting for Large and Small Industry Members, the Exchange correspondingly proposes to replace the Industry Member development testing milestones in Rule 6880(a) with the testing milestones set forth in the exemptive relief. Specifically, the Exchange proposes to replace Rule 6880(a) with the following:

- (1) Industry Member file submission and data integrity testing for Phases 2a and 2b shall begin in December 2019.
- (2) Industry Member testing of the Reporter Portal, including data integrity error correction tools and data submissions, shall begin in February 2020.
- (3) The Industry Member test environment shall open with intra-firm linkage validations to Industry Members for both Phases 2a and 2b in April 2020.
- (4) The Industry Member test environment shall open to Industry Members with inter-firm linkage validations for both Phases 2a and 2b in July 2020.
- (5) The Industry Member test environment shall open to Industry Members with Phase 2c functionality (full representative order linkages) in January 2021.
- (6) The Industry Member test environment shall open to Industry Members with Phase 2d functionality (manual options orders, complex options orders, and options allocations) in June 2021.
- (7) Participant exchanges that support options market making quoting shall begin accepting Quote Sent Time on quotes from Industry Members no later than April 2020.
- (8) The Industry Member test environment (customer and account information) will be open to Industry Members in January 2022.

iv. Granularity of Timestamps

On February 3, 2020, the Participants filed with the Commission a request for exemptive relief from the requirement in Section 6.8(b) of the CAT NMS Plan for each Participant, through its Compliance Rule, to require that, to the extent that its Industry Members utilize timestamps in increments finer than nanoseconds in their order handling or execution systems, such Industry Members utilize such finer increment when reporting CAT Data to the Central Repository.²⁵ On April 8, 2020, the Participants received the exemptive relief.²⁶ As a condition to this exemption, the Participants, through their Compliance Rules, will require Industry Members that capture timestamps in increments more granular than nanoseconds to truncate the timestamps, after the nanosecond level for submission to CAT, not round up or down in such circumstances. The timestamp granularity exemption remains in effect for five years, until April 8, 2025. After five years, the exemption would no longer be in effect unless the period the exemption is in effect is extended by the SEC.

Accordingly, the Exchange proposes to amend its Compliance Rule to reflect the exemptive relief. Specifically, the Exchange proposes to amend paragraph (a)(2) of Rule 4.10. Rule 4.10(a)(2) states that

Subject to paragraph (b), to the extent that any Industry Member's order handling or execution systems utilize time stamps in increments finer than milliseconds, such Industry Member shall record and report Industry

²⁵ See Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemption from Certain Provisions of the National Market System Plan Governing the Consolidated Audit Trail related to Granularity of Timestamps and Relationship Identifiers (Feb. 3, 2020).

²⁶ See Securities Exchange Act Release No. 88608 (April 8, 2020), 85 FR 20743 (April 14, 2020).

Member Data to the Central Repository with time stamps in such finer increment.

The Exchange proposes to amend this provision to read as follows to reflect the exemptive relief:

Subject to paragraph (b), to the extent that any Industry Member's order handling or execution systems utilize time stamps in increments finer than milliseconds, such Industry Member shall record and report Industry Member Data to the Central Repository with time stamps in such finer increment up to nanoseconds; provided, that Industry Members that capture timestamps in increments more granular than nanoseconds must truncate the timestamps after the nanosecond level for submission to CAT, rather than rounding such timestamps up or down, until April 8, 2025.

v. Introducing Industry Members

On February 3, 2020, the Participants requested that the Commission exempt broker-dealers that do not qualify as Small Industry Members solely because they satisfy Rule 0-10(i)(2) under the Exchange Act and, as a result, are deemed affiliated with an entity that is not a small business or small organization ("Introducing Industry Member") from the requirements in the CAT NMS Plan applicable to Industry Members other than Small Industry Members ("Large Industry Members").²⁷ Instead, such Introducing Industry Members would comply with the requirements in the CAT NMS Plan applicable

²⁷ See Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemption from Certain Provisions of the National Market System Plan Governing the Consolidated Audit Trail related to Small Industry Members (Feb. 3, 2020).

to Small Industry Members. On April 20, 2020, the SEC granted the Participants exemptive relief with regard to Introducing Industry Members.²⁸

As a result, the Exchange proposes to amend its Compliance Rule to adopt a definition of “Introducing Industry Member” and to revise Rule 4.16 to require Introducing Industry Members to comply with the requirements of the CAT NMS Plan applicable to Small Industry Members. Specifically, the Exchange proposes to define “Introducing Industry Member” in proposed paragraph (v) to Rule 4.5, as “a broker-dealer that does not qualify as a Small Industry Member solely because such broker-dealer satisfies Rule 0-10(i)(2) under the Exchange Act in that it introduces transactions on a fully disclosed basis to clearing firms that are not small businesses or small organizations.” The Exchange also proposes to add a new paragraph (3) to Rule 4.16(c) to state that “Introducing Industry Members must comply with the requirements of the CAT NMS Plan applicable to Small Industry Members.” With these changes, Introducing Industry Members would be required to comply with the requirements in the CAT NMS Plan applicable to Small Industry Members, rather than the requirements in the CAT NMS Plan applicable to Large Industry Members.

vi. CCID/PII

On January 29, 2020, the Participants filed with the Commission a request for exemptive relief from certain requirements related to reporting SSNs, dates of birth and account numbers to the CAT.²⁹ The Commission, Participants and others indicated

²⁸ See Securities Exchange Act Release No. 88703 (April 20, 2020), 85 FR 23115 (April 24, 2020).

²⁹ See Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemptive Relief from Certain Provisions of the CAT NMS Plan related to Social Security Numbers,

security concerns with maintaining such sensitive Customer information in the CAT. On March 17, 2020, the Participants received the exemptive relief, subject to certain conditions.³⁰ Assuming the Participants comply with the conditions set forth in the PII Exemption Order, Industry Members would not be required to report SSNs, dates of birth and account numbers to the CAT NMS Plan.

As described in the request for exemptive relief, the Participants requested exemptive relief to allow for an alternative approach to generating a CAT Customer ID (“CCID”) without requiring Industry Members to report SSNs to the CAT (the “CCID Alternative”). In lieu of retaining such SSNs in the CAT, the Participants would use the CCID Alternative, a strategy developed by the Chief Information Security Officer for the CAT and the Chief Information Security Officers from each of the Participants, in consultation with security experts from member firms of Securities Industry and Financial Markets Association. The CCID Alternative facilitates the ability of the Plan Processor to generate a CCID without requiring the Plan Processor to receive SSNs or store SSNs within the CAT. Under the CCID Alternative, the Plan Processor would generate a unique CCID using a two-phase transformation process that avoids having SSNs reported to or stored in the CAT. In the first transformation phase, a CAT Reporter would transform the SSN to an interim value (the “transformed value”). This

Dates of Birth and Account Numbers (Jan. 29, 2020).

³⁰ See Securities Exchange Act Release No. 88393 (March 17, 2020), 85 FR 16152 (March 20, 2020) (Order Granting Conditional Exemptive Relief, Pursuant to Section 36 and Rule 608(e) of the Securities Exchange Act of 1934, from Section 6.4(d)(ii)(C) and Appendix D Sections 4.1.6, 6.2, 8.1.1, 8.2, 9.1, 9.2, 9.4, 10.1, and 10.3 of the National Market System Plan Governing the Consolidated Audit Trail) (“PII Exemption Order”). The PII Exemption Order lists several conditions that must be met by the Exchange. If the Exchange does not satisfy the conditions, the PII Exemption Order would not apply to the Exchange.

transformed value, and not the SSN, would be submitted to a separate system within the CAT (“CCID Subsystem”). The CCID Subsystem would then perform a second transformation to create the globally unique CCID for each Customer that is unknown to, and not shared with, the original CAT Reporter. The CCID would then be sent to the customer and account information system of the CAT, where it would be linked with the other customer and account information. The CCID may then be used by the Participants’ regulatory staff and the SEC in queries and analysis of CAT Data. To implement the CCID Alternative, the Participants requested exemptive relief from the requirement in Section 6.4(d)(ii)(C) of the CAT NMS Plan to require, through their Compliance Rules, Industry Members to record and report SSNs to the Central Repository for the original receipt of an order. As set forth in one condition of the PII Exemption Order, Industry Members would be required to transform an SSN to an interim value, and report the transformed value to the CAT.

The Participants also requested exemptive relief to allow for an alternative approach which would exempt the reporting of dates of birth and account numbers³¹ to the CAT (“Modified PII Approach”), and instead would require Industry Members to report the year of birth and the Firm Designated ID for each trading account associated with the Customers. To implement the Modified PII Approach, the Participants requested exemptive relief from the requirement in Section 6.4(d)(ii)(C) of the CAT NMS Plan to require, through their Compliance Rules, Industry Members to record and report to the Central Repository for the original receipt of an order dates of birth and

³¹ With respect to this aspect of the requested relief, the PII Exemption Order provided relief with regard to the reporting of all account numbers, not just account numbers for individuals as requested by the Participants.

account numbers for Customers. As conditions to the exemption, Industry Members would be required to report the year of birth of an individual to the Central Repository, and to report the Firm Designated ID to the Central Repository.

To implement the request for exemptive relief and to eliminate the requirement to report SSNs, date of birth and account numbers to the CAT, the Exchange proposes to amend its Compliance Rule to reflect the exemptive relief. Rule 4.7(a)(2)(C) states that

[s]ubject to paragraph (3) below, each Industry Member shall record and report to the Central Repository the following, as applicable (“Received Industry Member Data” and collectively with the information referred to in Rule 6830(a)(1) “Industry Member Data”)) in the manner prescribed by the Operating Committee pursuant to the CAT NMS Plan: . . . (C) for original receipt or origination of an order, the Firm Designated ID for the relevant Customer, and in accordance with Rule 6840, Customer Account Information and Customer Identifying Information for the relevant Customer.

Similarly, Rule 4.8 requires the reporting of Customer Account Information and Customer Identifying Information to the Central Repository. Currently, Rule 4.5(m) defines “Customer Identifying Information” to include, with respect to individuals, “date of birth” and “individual tax payer identification number (“ITIN”)/social security number (“SSN”).” Accordingly, the Exchange proposes to replace “date of birth” in the definition of “Customer Identifying Information” in Rule 4.5(m) (now renumbered Rule 4.5(n)) with “year of birth” and to delete “individual tax payer identification number (“ITIN”)/social security number (“SSN”)” from Rule 6810(m) (now renumbered Rule

6810(n)). In addition, currently, Rule 4.5(l) defines “Customer Account Information” to include account numbers. The Exchange proposes to delete “account number” from the definition of “Customer Account Information” in Rule 4.5(l) (now renumbered Rule 6810(m)).

The Exchange also proposes to add a definition of the term “Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”)” to Rule 4.5. Specifically, the Exchange proposes to add paragraph (pp) to Rule 4.5 to define “Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”)” to mean “the interim value created by an Industry Member based on a Customer ITIN/SSN.”

The Exchange proposes to revise Rule 4.7(a)(2)(C) to include the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”). Specifically, the Exchange proposes to revise Rule 6830(a)(2)(C) to state:

[s]ubject to paragraph (3) below, each Industry Member shall record and report to the Central Repository the following, as applicable (“Received Industry Member Data” and collectively with the information referred to in Rule 6830(a)(1) “Industry Member Data”)) in the manner prescribed by the Operating Committee pursuant to the CAT NMS Plan: . . . (C) for original receipt or origination of an order, the Firm Designated ID for the relevant Customer, Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”), and in accordance with Rule 6840, Customer Account Information and Customer Identifying Information for the relevant Customer.

The Exchange also proposes to include the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”) in the Customer information reporting required under Rule 4.8. Specifically, the Exchange proposes to revise Rule 4.8(a) to require each Industry Member to submit to the Central Repository the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”), for each of its Customers with an Active Account prior to such Industry Member's commencement of reporting to the Central Repository and in accordance with the deadlines set forth in Rule 6880. The Exchange also proposes to revise Rule 4.8(b) to require each Industry Member to submit to the Central Repository any updates, additions or other changes to the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”) for each of its Customers with an Active Account on a daily basis. In addition, the Exchange proposes to revise Rule 4.8(c) to require, on a periodic basis as designated by the Plan Processor and approved by the Operating Committee, each Industry Member to submit to the Central Repository a complete set of the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”) for each of its Customers with an Active Account. The Exchange also proposes to revise Rule 4.8(d) to require, for each Industry Member for which errors in the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”) for each of its Customers with an Active Account submitted to the Central Repository have been identified by the Plan Processor or otherwise, such Industry Member to submit corrected data to the Central Repository by 5:00 p.m. Eastern Time on T+3.

Paragraph (1)(B) of Rule 4.5(m), the definition of “Customer Account Information” states that “in those circumstances in which an Industry Member has established a trading relationship with an institution but has not established an account with that institution, the Industry Member will” . . . “provide the relationship identifier in lieu of the “account number.” As an account number will no longer be an element in “Customer Account Information,” the relationship identifier used in lieu of the account number will no longer be required as an element of Customer Account Information. Therefore, the Exchange proposes to delete the requirement set forth in Rule 6810(m)(a)(B) regarding relationship identifiers from Rule 4.5(m).

With these changes, Industry Members would not be required to report to the Central Repository dates of birth, SSNs or account numbers pursuant to Rule 4.7(a)(2)(C). However, Industry Members would be required to report the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”) and the year of birth to the Central Repository.³²

vii. FINRA Facility Data Linkage

On June 5, 2020, the Participants filed with the Commission a request for exemptive relief from certain provisions of the CAT NMS Plan to allow for an alternative approach to the reporting of clearing numbers and cancelled trade indicators.³³ The SEC provided this exemptive relief on June 11, 2020.³⁴ FINRA is required to report to the

³² The Exchange anticipates that the Compliance Rule may be further amended when further details regarding the CCID Alternative are finalized.

³³ See Letter to Vanessa Countryman, Secretary, SEC, from Michael Simon, CAT NMS Plan Operating Committee Chair, re: Request for Exemption from Certain Provisions of the National Market System Plan Governing the Consolidated Audit Trail related to FINRA Facility Data Linkage (June 5, 2020).

³⁴ See Securities Exchange Act Release No. 89051 (June 11, 2020) (Federal Register

Central Repository data collected by FINRA’s Trade Reporting Facilities, FINRA’s OTC Reporting Facility or FINRA’s Alternative Display Facility (collectively, “FINRA Facility”) pursuant to applicable SRO rules (“FINRA Facility Data”). Included in this FINRA Facility Data is the clearing number of the clearing broker for a reported trade as well as the cancelled trade indicator. Under this alternative approach, the clearing number and the cancelled trade indicator of the FINRA Facility Data that is reported to the CAT would be linked to the related execution reports reported by Industry Members. To implement this approach in a phased manner, the Participants received exemptive relief from the requirement in Sections 6.4(d)(ii)(A)(2) and (B) of the CAT NMS Plan to require, through their Compliance Rules, that Industry Members record and report to the Central Repository: (1) if the order is executed, in whole or in part, the SRO-Assigned Market Participant Identifier of the clearing broker, if applicable; and (2) if the trade is cancelled, a cancelled trade indicator, subject to certain conditions.

As a condition to this exemption, the Participants would continue to require Industry Members to submit a trade report for a trade, and, if the trade is cancelled, a cancellation, to a FINRA Facility pursuant to applicable SRO rules, and to report the corresponding execution to the Central Repository. In addition, Industry Members would be required to report to the Central Repository the unique trade identifier reported to a FINRA Facility with the corresponding trade report. Furthermore, if an Industry Member does not submit a cancellation to a FINRA Facility, or is unable to provide a link between the execution reported to the Central Repository and the related FINRA Facility trade report, then the Industry Member would be required to record and report to the Central

publication pending).

Repository a cancelled trade indicator and cancelled trade timestamp if the trade is cancelled. Similarly, if an Industry Member does not submit the clearing number of the clearing broker to a FINRA Facility for a trade, or is unable to provide a link between the execution reported to the Central Repository and the related FINRA Facility trade report, then the Industry Member would be required to record and report to the Central Repository the clearing number as well as contra party information.

As a result, the Exchange proposes to amend its Compliance Rule to reflect the exemptive relief to implement this alternative approach. Specifically, the Exchange proposes to require Industry Members to report to the CAT with an execution report the unique trade identifier reported to a FINRA facility with the corresponding trade report. For example, the unique trade identifier for the OTC Reporting Facility and the Alternative Display Facility would be the Compliance ID, for the FINRA/Nasdaq Trade Reporting Facility, it would be the Branch Sequence Number, and for the FINRA/NYSE Trade Reporting Facility, it would be the FINRA Compliance Number. This unique trade identifier would be used to link the FINRA Facility Data with the execution report in the CAT. Specifically, the Exchange proposes to add new paragraph (a)(2)(E) to Rule 4.7, which states that:

(E) If an Industry Member is required to submit and submits a trade report for a trade, and, if the trade is cancelled, a cancellation, to one of FINRA's Trade Reporting Facilities, OTC Reporting Facility or Alternative Display Facility pursuant to applicable SRO rules, and the Industry Member is required to report the corresponding execution and/or cancellation to the Central Repository:

(1) the Industry Member is required to report to the Central Repository trade identifier reported by the Industry Member to such FINRA facility for the trade when the Industry Member reports the execution of an order pursuant to Rule 4.7(a)(1)(E) or cancellation of an order pursuant to Rule 4.7(a)(1)(D) beginning June 22, 2020 for Large Industry Members and Small Industry OATS Reporters and beginning December 13, 2021 for Small Industry Non-OATS Reporters, and such trade identifier must be unique beginning October 26, 2020 for Large Industry Members and Small Industry OATS Reporters and beginning December 13, 2021 for Small Industry Non-OATS Reporters.

The Exchange also proposes to relieve Industry Members of the obligation to report to the CAT data related to clearing brokers and trade cancellations pursuant to Rules 4.7(a)(2)(A)(2) and (B), respectively, as this data will be reported by FINRA to the CAT, except in certain circumstances. Accordingly, the Exchange proposes new paragraphs (a)(2)(E)(2) and (3) to Rule 4.7, which would state:

(2) if the order is executed in whole or in part, and the Industry Member submits the trade report to one of FINRA's Trade Reporting Facilities, OTC Reporting Facility or Alternative Display Facility pursuant to applicable SRO rules, the Industry Member is not required

to submit the SRO-Assigned Market Participant Identifier of the clearing broker pursuant to Rule 4.7(a)(2)(A)(2); provided, however, if the Industry Member does not report the clearing number of the clearing broker to such FINRA facility for a trade, or does not report the unique trade identifier to the Central Repository as required by Rule 4.7(a)(2)(E)(1), then the Industry Member would be required to record and report to the Central Repository the clearing number of the clearing broker as well as information about the contra party to the trade beginning April 26, 2021 for Large Industry Members and Small Industry OATS Reporters and beginning December 13, 2021 for Small Industry Non-OATS Reporters; and

(3) if the trade is cancelled and the Industry Member submits the cancellation to one of FINRA's Trade Reporting Facilities, OTC Reporting Facility or Alternative Display Facility pursuant to applicable SRO rules, the Industry Member is not required to submit the cancelled trade indicator pursuant to Rule 4.7(a)(2)(B); provided, however, if the Industry Member does not report a cancellation for a canceled trade to such FINRA facility, or does not report the unique trade identifier as required by 4.7(a)(2)(E)(1), then the Industry Member would be required to record and report to the Central Repository a cancelled trade indicator as well as a cancelled trade timestamp beginning June 22, 2020 for Large Industry Members and Small Industry OATS Reporters and beginning December 13, 2021 for Small Industry Non-OATS Reporters.

2. Statutory Basis

The Exchange believes the proposed rule change is consistent with the Securities Exchange Act of 1934 (the “Act”) and the rules and regulations thereunder applicable to the Exchange and, in particular, the requirements of Section 6(b) of the Act.

Specifically, the Exchange believes the proposed rule change is consistent with the Section 6(b)(5) requirements that the rules of an exchange be 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. Additionally, the Exchange believes the proposed rule change is consistent with the Section 6(b)(5) requirement that the rules of an exchange not be designed to permit unfair discrimination between customers, issuers, brokers, or dealers.

The Exchange believes that this proposal is consistent with the Act because it is consistent with certain exemptions from the CAT NMS Plan, because it facilitates the retirement of certain existing regulatory systems, and is designed to assist the Exchange and its Industry Members in meeting regulatory obligations pursuant to the Plan. In approving the Plan, the SEC noted that the Plan “is necessary and appropriate in the public interest, for the protection of investors and the maintenance of fair and orderly markets, to remove impediments to, and perfect the mechanism of a national market system, or is otherwise in furtherance of the purposes of the Act.”³⁵ To the extent that

³⁵ See Securities Exchange Act Release No. 79318 (November 15, 2016), 81 FR 84696, 84697 (November 23, 2016).

this proposal implements the Plan, including the exemptive relief, and applies specific requirements to Industry Members, the Exchange believes that this proposal furthers the objectives of the Plan, as identified by the SEC, and is therefore consistent with the Act.

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

The Exchange 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. The Exchange notes that the proposed rule changes are consistent with certain exemptions from the CAT NMS Plan, facilitate the retirement of certain existing regulatory systems, and are designed to assist the Exchange in meeting its regulatory obligations pursuant to the Plan. The Exchange also notes that the amendments to the Compliance Rules will apply equally to all Industry Members that trade NMS Securities and OTC Equity Securities. In addition, all national securities exchanges and FINRA are proposing these amendments to their Compliance Rules. Therefore, this is not a competitive rule filing, and, therefore, it does not impose a burden on competition.

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

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

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

Because the foregoing proposed rule change does not:

- A. significantly affect the protection of investors or the public interest;
- B. impose any significant burden on competition; and
- C. become operative for 30 days from the date on which it was filed, or such

shorter time as the Commission may designate, it has become effective pursuant to

Section 19(b)(3)(A) of the Act³⁶ and Rule 19b-4(f)(6)³⁷ thereunder. 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 necessary or appropriate in the public interest, for the protection of investors, or otherwise in furtherance of the purposes of the Act. If the Commission takes such action, the Commission will institute proceedings to determine whether the proposed rule change should be approved or disapproved.

IV. Solicitation of Comments

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

Electronic comments:

- Use the Commission's Internet comment form (<http://www.sec.gov/rules/sro.shtml>); or
- Send an e-mail to rule-comments@sec.gov. Please include File Number SR-CboeEDGX-2020-030 on the subject line.

Paper comments:

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

All submissions should refer to File Number SR-CboeEDGX-2020-030. 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

³⁶ 15 U.S.C. 78s(b)(3)(A).

³⁷ 17 CFR 240.19b-4(f)(6).

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, D.C. 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-CboeEDGX-2020-030 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.³⁸

Secretary

³⁸ 17 CFR 200.30-3(a)(12).

EXHIBIT 5

(additions are underlined; deletions are [bracketed])

* * * * *

Rules of Cboe EDGX Exchange, Inc.

* * * * *

Rule 4.5. Consolidated Audit Trail – Definitions

For purposes of Rules 4.5 through 4.16:

(a) “Account Effective Date” means:

(1) with regard to those circumstances in which an Industry Member has established a trading relationship with an institution but has not established an account with that institution:

(A) when the trading relationship was established prior to commencement of Phase 2c or Phase 2d (as applicable depending on whether the account involves Eligible Securities that are equities or options) [November 15, 2018 for Industry Members other than Small Industry Members, or prior to November 15, 2019 for Small Industry Members], either:

(1) – (3) No change.

(B) when the trading relationship was established on or after commencement of Phase 2c or Phase 2d (as applicable depending on whether the account involves Eligible Securities that are equities or options) [November 15, 2018 for Industry Members other than Small Industry Members, or on or after November 15, 2019 for Small Industry Members], the date the Industry Member established the relationship identifier, which would be no later than the date the first order was received;

(2) where an Industry Member changes back office providers or clearing firms prior to commencement of Phase 2c or Phase 2d (as applicable depending on whether the account involves Eligible Securities that are equities or options) [November 15, 2018 for Industry Members other than Small Industry Members, or prior to November 15, 2019 for Small Industry Members], the date an account was established at the relevant Industry Member, either directly or via transfer;

(3) where an Industry Member acquires another Industry Member prior to commencement of Phase 2c or Phase 2d (as applicable depending on whether the account involves Eligible Securities that are equities or options) [November 15, 2018 for Industry Members other than Small Industry Members, or prior to November 15, 2019 for Small Industry Members], the date an account was established at the relevant Industry Member, either directly or via transfer;

(4) where there are multiple dates associated with an account established prior to commencement of Phase 2c or Phase 2d (as applicable depending on whether the account involves Eligible Securities that are equities or options) [November 15, 2018 for Industry Members other than Small Industry Members, or prior to November 15, 2019 for Small Industry Members], the earliest available date; or

(5) with regard to Industry Member proprietary accounts established prior to commencement of Phase 2c or Phase 2d (as applicable depending on whether the account involves Eligible Securities that are equities or options) [November 15, 2018 for Industry Members other than Small Industry Members, or prior to November 15, 2019 for Small Industry Members]:

* * * * *

(d) “ATS” means an alternative trading system, as defined in Rule 300(a)(1) of Regulation ATS under the Exchange Act.

(e) “Business Clock” means a clock used to record the date and time of any Reportable Event required to be reported under Rules 4.5 through 4.16.

(f) “CAT” means the consolidated audit trail contemplated by SEC Rule 613.

(g) “CAT NMS Plan” means the National Market System Plan Governing the Consolidated Audit Trail, as amended from time to time.

(h) “CAT-Order-ID” means a unique order identifier or series of unique order identifiers that allows the Central Repository to efficiently and accurately link all Reportable Events for an order, and all orders that result from the aggregation or disaggregation of such order.

(i) “CAT Reporting Agent” means a Data Submitter that is a third party that enters into an agreement with an Industry Member pursuant to which the CAT Reporting Agent agrees to fulfill such Industry Member’s reporting obligations under Rules 4.5 through 4.16.

(j) “Central Repository” means the repository responsible for the receipt, consolidation, and retention of all information reported to the CAT pursuant to SEC Rule 613 and the CAT NMS Plan.

(k) “Compliance Threshold” has the meaning set forth in Rule 4.15(d).

(l) “Customer” means:

(1) – (2) No change.

(m) “Customer Account Information” shall include, but not be limited to, [account number,] account type, customer type, date account opened, and large trader identifier (if applicable); except, however, that:

(1) in those circumstances in which an Industry Member has established a trading relationship with an institution but has not established an account with that institution, the Industry Member will:

(A) provide the Account Effective Date in lieu of the “date account opened”;

[(B) provide the relationship identifier in lieu of the “account number”]; and

[(C)] (B) identify the "account type" as a “relationship”.[;]

(2) in those circumstances in which the relevant account was established prior to commencement of Phase 2c or Phase 2d (as applicable depending on whether the account involves Eligible Securities that are equities or options) [November 15, 2018 for Industry Members other than Small Industry Members, or prior to November 15, 2019 for Small Industry Members], and no “date account opened” is available for the account, the Industry Member will provide the Account Effective Date in the following circumstances:

(A) – (D) No change.

[(m)n] “Customer Identifying Information” means information of sufficient detail to identify a Customer, including, but not limited to:

(1) with respect to individuals: name, address, [date] year of birth, [individual tax payer identification number (“ITIN”)/social security number (“SSN”),] individual’s role in the account (e.g., primary holder, joint holder, guardian, trustee, person with the power of attorney); and

(2) No change.

[(n)o] “Data Submitter” means any person that reports data to the Central Repository, including national securities exchanges, national securities associations, broker-dealers, the SIPs for the CQS, CTA, UTP and Plan for Reporting of Consolidated Options Last Sale Reports and Quotation Information (“OPRA”) Plans, and certain other vendors or third parties that may submit data to the Central Repository on behalf of Industry Members.

[(o)p] “Eligible Security” includes:

(1) – (2) No change.

[(p)q] “Error Rate” means the percentage of Reportable Events collected by the Central Repository in which the data reported does not fully and accurately reflect the order event that occurred in the market.

[(q)r] “Firm Designated ID” means a unique identifier for each trading account designated by Industry Members for purposes of providing data to the Central Repository, where each such identifier is unique among all identifiers from any given Industry Member for each business date.

~~(r)~~ “Industry Member” means a member of a national securities exchange or a member of a national securities association.

~~(s)~~ “Industry Member Data” has the meaning set forth in Rule 4.7(a)(2).

(1) “Phase 2a Industry Member Data” means Industry Member Data required to be reported to the Central Repository commencing in Phase 2a.

(2) “Phase 2b Industry Member Data” means Industry Member Data required to be reported to the Central Repository commencing in Phase 2b.

(3) “Phase 2c Industry Member Data” means Industry Member Data required to be reported to the Central Repository commencing in Phase 2c.

(4) “Phase 2d Industry Member Data” means Industry Member Data required to be reported to the Central Repository commencing in Phase 2d.

(5) “Phase 2e Industry Member Data” means Industry Member Data required to be reported to the Central Repository commencing in Phase 2e. The full scope of Industry Member Data required by the CAT NMS Plan will be required to be reported to the CAT when Phase 2e has been implemented, subject to any applicable exemptive relief or amendments to the CAT NMS Plan.

~~(t)~~ “Initial Plan Processor” means the first Plan Processor selected by the Operating Committee in accordance with SEC Rule 613, Section 6.1 of the CAT NMS Plan and the National Market System Plan Governing the Process for Selecting a Plan Processor and Developing a Plan for the Consolidated Audit Trail.

(v) “Introducing Industry Member” means a broker-dealer that does not qualify as a Small Industry Member solely because such broker-dealer satisfies Rule 0-10(i)(2) under the Exchange Act in that it introduces transactions on a fully disclosed basis to clearing firms that are not small businesses or small organizations.

~~(u)~~ “Listed Option” or “Option” have the meaning set forth in Rule 600(b)(35) of Regulation NMS.

~~(v)~~ “Manual Order Event” means a non-electronic communication of order-related information for which Industry Members must record and report the time of the event.

~~(w)~~ “Material Terms of the Order” includes: the NMS Security or OTC Equity Security symbol; security type; price (if applicable); size (displayed and non-displayed); side (buy/sell); order type; if a sell order, whether the order is long, short, short exempt; open/close indicator (except on transactions in equities); time in force (if applicable); if the order is for a Listed Option, option type (put/call), option symbol or root symbol, underlying symbol, strike price, expiration date, and open/close (except on market maker quotations); and any special handling instructions.

([x]z) “NMS Security” means any security or class of securities for which transaction reports are collected, processed, and made available pursuant to an effective transaction reporting plan, or an effective national market system plan for reporting transactions in Listed Options.

([y]aa) “NMS Stock” means any NMS Security other than an option.

([z]bb) “Operating Committee” means the governing body of the CAT NMS, LLC designated as such and described in Article IV of the CAT NMS Plan.

([aa]cc) “Options Market Maker” means a broker-dealer registered with an exchange for the purpose of making markets in options contracts traded on the exchange.

([bb]dd) “Order” or “order”, with respect to Eligible Securities, shall include:

(1) – (3) No change.

([cc]ee) “OTC Equity Security” means any equity security, other than an NMS Security, subject to prompt last sale reporting rules of a registered national securities association and reported to one of such association’s equity trade reporting facilities.

([dd]ff) “Participant” means each Person identified as such in Exhibit A of the CAT NMS Plan, as amended, in such Person’s capacity as a Participant in CAT NMS, LLC.

([ee]gg) “Person” means any individual, partnership, limited liability company, corporation, joint venture, trust, business trust, cooperative or association and any heirs, executors, administrators, legal representatives, successors and assigns of such Person where the context so permits.

([ff]hh) “Plan Processor” means the Initial Plan Processor or any other Person selected by the Operating Committee pursuant to SEC Rule 613 and Sections 4.3(b)(i) and 6.1 of the CAT NMS Plan, and with regard to the Initial Plan Processor, the National Market System Plan Governing the Process for Selecting a Plan Processor and Developing a Plan for the Consolidated Audit Trail, to perform the CAT processing functions required by SEC Rule 613 and set forth in the CAT NMS Plan.

([gg]ii) “Received Industry Member Data” has the meaning set forth in Rule 4.7(a)(2).

([hh]jj) “Recorded Industry Member Data” has the meaning set forth in Rule 4.7(a)(1).

([ii]kk) “Reportable Event” includes, but is not limited to, the original receipt or origination, modification, cancellation, routing, execution (in whole or in part) and allocation of an order, and receipt of a routed order.

([jj]ll) “SRO” means any self-regulatory organization within the meaning of Section 3(a)(26) of the Exchange Act.

([kk]mm) “SRO-Assigned Market Participant Identifier” means an identifier assigned to an Industry Member by an SRO or an identifier used by a Participant.

([ll]nn) “Small Industry Member” means an Industry Member that qualifies as a small broker-dealer as defined in Rule 0-10(c) under the Securities Exchange Act of 1934, as amended.

([mm]oo) “Trading Day” shall have the meaning as is determined by the Operating Committee. For the avoidance of doubt, the Operating Committee may establish different Trading Days for NMS Stocks (as defined in SEC Rule 600(b)(47)), Listed Options, OTC Equity Securities, and any other securities that are included as Eligible Securities from time to time.

(pp) “Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”)” means the interim value created by an Industry Member based on a Customer ITIN/SSN.

* * * * *

Rule 4.7. Consolidated Audit Trail – Industry Member Data Reporting

(a) Recording and Reporting Industry Member Data

(1) Subject to paragraph (3) below, each Industry Member shall record and electronically report to the Central Repository the following details for each order and each Reportable Event, as applicable (“Recorded Industry Member Data”) in the manner prescribed by the Operating Committee pursuant to the CAT NMS Plan:

(A) for original receipt or origination of an order:

(1) – (4) No change.

(5) time of order receipt or origination (using timestamps pursuant to Rule 4.10); [and]

(6) No change.

(7) the unique identification of any appropriate information barriers in place at the department within the Industry Member where the order was received or originated;

(8) any request by a Customer that a limit order not be displayed, or that a block size limit order be displayed, pursuant to applicable rules;

(9) the nature of the department or desk that originated the order, or received the order from a Customer;

(10) the type of account holder for which the order is submitted;

(11) for an Industry Member that operates an ATS:

(a) the ATS’s unique identifier for the order type of the order;

(b) the National Best Bid and National Best Offer (or relevant reference price) at the time of order receipt or origination, and the date and time at which the ATS recorded such National Best Bid and National Best Offer (or relevant reference price);

(c) the identification of the market data feed used by the ATS to record the National Best Bid and National Best Offer (or relevant reference price) for purposes of subparagraph (11)(2). If for any reason, the ATS uses an alternative market data feed than what was reported on its ATS data submission, the ATS must provide notice to the Central Repository of the fact that an alternative source was used, identify the alternative source, and specify the date(s), time(s) and securities for which the alternative source was used;

(d) the sequence number assigned to the receipt or origination of the order by the ATS's matching engine;

(e) whether the ATS displays subscriber orders outside the ATS (other than to alternative trading system employees). If an ATS does display subscriber orders outside the ATS (other than to alternative trading system employees), indicate whether the order is displayed to subscribers only or through publicly disseminated quotation data.

(B) for the routing of an order:

(1) – (5) No change.

(6) if routed internally at the Industry Member, the identity and nature of the department or desk to which the order is routed, and the unique identification of any appropriate information barriers in place at the department within the Industry Member to which the order was transmitted; [and]

(7) Material Terms of the Order; and

(8) for Industry Members that operate ATSS, the sequence number assigned to the routing of the order by the ATS's matching engine.

(C) for the receipt of an order that has been routed, the following information:

(1) – (4) No change.

(5) SRO-Assigned Market Participant Identifier of the Industry Member or Participant routing the order; [and]

(6) No change.

(7) the unique identification of any appropriate information barriers in place at the department within the Industry Member which received the order;

(8) the nature of the department or desk that received the order;

(9) any request by a Customer that a limit order not be displayed, or that a block size limit order be displayed, pursuant to applicable rules; and

(10) for an Industry Member that operates an ATS:

(a) the ATS's unique identifier for the order type of the order;

(b) the National Best Bid and National Best Offer (or relevant reference price) at the time of order receipt, and the date and time at which the ATS recorded such National Best Bid and National Best Offer (or relevant reference price);

(c) the identification of the market data feed used by the ATS to record the National Best Bid and National Best Offer (or relevant reference price) for purposes of subparagraph (10)(b). If for any reason, the ATS uses an alternative market data feed than what was reported on its ATS data submission, the ATS must provide notice to the Central Repository of the fact that an alternative source was used, identify the alternative source, and specify the date(s), time(s) and securities for which the alternative source was used;

(d) the sequence number assigned to the receipt of the order by the ATS's matching engine; and

(e) whether the ATS displays subscriber orders outside the ATS (other than to alternative trading system employees). If an ATS does display subscriber orders outside the ATS (other than to alternative trading system employees), indicate whether the order is displayed to subscribers only or through publicly disseminated quotation data.

(D) if the order is modified or cancelled:

(1) – (4) No change.

(5) other changes in the Material Terms of the Order, if modified; [and]

(6) No change.

(7) the unique identification of any appropriate information barriers at the department within the Industry Member which received or originated the modification;

(8) any request by a Customer that a limit order not be displayed, or that a block size limit order be displayed, pursuant to applicable rules; and

(9) for an Industry Member that operates an ATS:

(a) the ATS's unique identifier for the order type of the order;

(b) the National Best Bid and National Best Offer (or relevant reference price) at the time of order modification or cancellation, and the date and time at which the ATS recorded such National Best Bid and National Best Offer (or relevant reference price);

(c) the identification of the market data feed used by the ATS to record the National Best Bid and National Best Offer (or relevant reference price) for purposes of subparagraph (9)(b). If for any reason, the ATS uses an alternative market data feed than what was reported on its ATS data submission, the ATS must provide notice to the Central Repository of the fact that an alternative source was used, identify the alternative source, and specify the date(s), time(s) and securities for which the alternative source was used;

(d) the sequence number assigned to the modification or cancellation of the order by the ATS's matching engine; and

(e) each time the ATS's matching engine re-prices an order or changes the display quantity of an order, the time of such modification and the applicable new price or size.

(E) if the order is executed, in whole or in part:

(1) – (7) No change.

(8) for Industry Members that operate ATSs:

(a) the National Best Bid and National Best Offer (or relevant reference price) at the time of execution, and the date and time at which the ATS recorded such National Best Bid and National Best Offer (or relevant reference price);

(b) the identification of the market data feed used by the ATS to record the National Best Bid and National Best Offer (or relevant reference price) for purposes of subparagraph (8)(a). If for any reason, the ATS uses an alternative market data feed than what was reported on its ATS data submission, the ATS must provide notice to the Central Repository of the fact that an alternative source was used, identify the alternative source, and specify the date(s), time(s) and securities for which the alternative source was used; and

(c) the sequence number assigned to the execution of the order by the ATS's matching engine.

(F) No change.

(2) Subject to paragraph (3) below, each Industry Member shall record and report to the Central Repository the following, as applicable (“Received Industry Member Data” and collectively with the information referred to in Rule 4.7(a)(1) “Industry Member Data”) in the manner prescribed by the Operating Committee pursuant to the CAT NMS Plan:

(A) No change.

(B) if the trade is cancelled, a cancelled trade indicator; [and]

(C) for original receipt or origination of an order, the Firm Designated ID for the relevant Customer, Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”), and in accordance with Rule 4.8, Customer Account Information and Customer Identifying Information for the relevant Customer[.];

(D) An Industry Member that operates an ATS must provide to the Central Repository:

(1) a list of all of its order types twenty (20) days before such order types become effective; and

(2) any changes to its order types twenty (20) days before such changes become effective.

An identifier shall not be required for market and limit orders that have no other special handling instructions.

(E) If an Industry Member is required to submit and submits a trade report for a trade, and, if the trade is cancelled, a cancellation, to one of FINRA's Trade Reporting Facilities, OTC Reporting Facility or Alternative Display Facility pursuant to applicable SRO rules, and the Industry Member is required to report the corresponding execution and/or cancellation to the Central Repository:

(1) the Industry Member is required to report to the Central Repository the trade identifier reported by the Industry Member to such FINRA facility for the trade when the Industry Member reports the execution of an order pursuant to Rule 4.7(a)(1)(E) or cancellation of an order pursuant to Rule 4.7(a)(1)(D) beginning June 22, 2020 for Large Industry Members and Small Industry OATS Reporters and beginning December 13, 2021 for Small Industry Non-OATS Reporters, and such trade identifier must be unique beginning October 26, 2020 for Large Industry Members and Small Industry OATS Reporters and beginning December 13, 2021 for Small Industry Non-OATS Reporters;

(2) if the order is executed in whole or in part, and the Industry Member submits the trade report to one of FINRA’s Trade Reporting Facilities, OTC Reporting Facility or Alternative Display Facility pursuant to applicable SRO rules, the Industry Member is not required to submit the SRO-Assigned Market Participant Identifier of the clearing broker pursuant to Rule 4.7(a)(2)(A)(ii); provided, however, if the Industry Member does not report the clearing number of the clearing broker to such FINRA facility for a trade, or does not report the unique trade identifier to the Central Repository as required by Rule 4.7(a)(2)(E)(i), then the Industry Member would be required to record and report to the Central Repository the clearing number of the clearing broker as well as information about the contra party to the trade beginning April 26, 2021 for Large Industry Members and Small Industry OATS Reporters and beginning December 13, 2021 for Small Industry Non-OATS Reporters; and

(3) if the trade is cancelled and the Industry Member submits the cancellation to one of FINRA’s Trade Reporting Facilities, OTC Reporting Facility or Alternative Display Facility pursuant to applicable SRO rules, the Industry Member is not required to submit the cancelled trade indicator pursuant to Rule 4.7(a)(2)(B), provided, however, if the Industry Member does not report a cancellation for a canceled trade to such FINRA facility, or does not report the unique trade identifier as required by Rule 4.7(a)(2)(E)(i), then the Industry Member would be required to record and report to the Central Repository a cancelled trade indicator as well as a cancelled trade timestamp beginning June 22, 2020 for Large Industry Members and Small Industry OATS Reporters and beginning December 13, 2021 for Small Industry Non-OATS Reporters.

(3) No change.

(b) – (e) No change.

(f) Each Industry Member that operates an ATS that trades OTC Equity Securities shall provide to the Central Repository;

(1) the best bid and best offer for each OTC Equity Security traded on such ATS;

(2) an indication of whether each bid and offer for OTC Equity Securities was solicited or unsolicited; and

(3) the unpriced bids and offers for each OTC Equity Security traded on such ATS.

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Rule 4.8. Consolidated Audit Trail – Customer Information Reporting

(a) Initial Set of Customer Information

Each Industry Member shall submit to the Central Repository the Firm Designated ID, the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”), Customer Account Information and Customer Identifying Information for each of its Customers with an Active Account prior to such Industry Member's commencement of reporting to the Central Repository and in accordance with the deadlines set forth in Rule 6880.

(b) Daily Updates to Customer Information

Each Industry Member shall submit to the Central Repository any updates, additions or other changes to the Firm Designated ID, the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”), Customer Account Information and Customer Identifying Information for each of its Customers with an Active Account on a daily basis.

(c) Periodic Updates to Complete Set of Customer Information

On a periodic basis as designated by the Plan Processor and approved by the Operating Committee, each Industry Member shall submit to the Central Repository a complete set of Firm Designated IDs, the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”), Customer Account Information and Customer Identifying Information for each of its Customers with an Active Account.

(d) Error Correction

For each Industry Member for which errors in Firm Designated ID, the Transformed Value for individual tax payer identification number (“ITIN”)/social security number (“SSN”), Customer Account Information and Customer Identifying Information for each of its Customers with an Active Account submitted to the Central Repository have been identified by the Plan Processor or otherwise, such Industry Member shall submit corrected data to the Central Repository by 5:00 p.m. Eastern Time on T+3.

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Rule 4.10. Consolidated Audit Trail – Time Stamps

(a) Millisecond Time Stamps

(1) No change.

(2) Subject to paragraph (b), to the extent that any Industry Member's order handling or execution systems utilize time stamps in increments finer than milliseconds, such Industry Member shall record and report Industry Member Data to the Central Repository with time stamps in such finer increment up to nanoseconds; provided, that Industry Members that capture timestamps in increments more granular than nanoseconds must truncate the timestamps after the nanosecond level for submission to CAT, rather than rounding such timestamps up or down, until April 8, 2025.

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Rule 4.13. Consolidated Audit Trail – Development and Testing

(a) Development

[(1) Connectivity and Acceptance Testing

(1) Industry Members (other than Small Industry Members) shall begin connectivity and acceptance testing with the Central Repository no later than August 15, 2018.

(2) Small Industry Members shall begin connectivity and acceptance testing with the Central Repository no later than August 15, 2019.

(2) Reporting Customer and Industry Member Information

(1) Industry Members (other than Small Industry Members) shall begin reporting Customer and Industry Member information, as required by Rules 4.8(a) and 4.9, respectively, to the Central Repository for processing no later than October 15, 2018.

(2) Small Industry Members shall begin reporting Customer and Industry Member information, as required by Rules 4.8(a) and 4.9, respectively, to the Central Repository for processing no later than October 15, 2019.

(3) Submission of Order Data

(1) Industry Members (other than Small Industry Members)

(B) Industry Members (other than Small Industry Members) are permitted, but not required, to submit order data for testing purposes beginning no later than May 15, 2018.

(C) Industry Members (other than Small Industry Members) shall participate in the coordinated and structured testing of order submission, which will begin no later than August 15, 2018.

(1) Small Industry Members

(D) Small Industry Members are permitted, but not required, to submit order data for testing purposes beginning no later than May 15, 2019.

(E) Small Industry Members shall participate in the coordinated and structured testing of order submission, which will begin no later than August 15, 2019.

(4) Submission of Options Market Maker Quote. Industry Members are permitted, but not required to, submit Quote Sent Time on Options Market Maker quotes, beginning no later than October 15, 2018.]

(1) Industry Member file submission and data integrity testing for Phases 2a and 2b shall begin in December 2019.

(2) Industry Member testing of the Reporter Portal, including data integrity error correction tools and data submissions, shall begin in February 2020.

(3) The Industry Member test environment shall open with intra-firm linkage validations to Industry Members for both Phases 2a and 2b in April 2020.

(4) The Industry Member test environment shall open to Industry Members with inter-firm linkage validations for both Phases 2a and 2b in July 2020.

(5) The Industry Member test environment shall open to Industry Members with Phase 2c functionality (full representative order linkages) in January 2021.

(6) The Industry Member test environment shall open to Industry Members with Phase 2d functionality (manual options orders, complex options orders, and options allocations) in June 2021.

(7) Participant exchanges that support options market making quoting shall begin accepting Quote Sent Time on quotes from Industry Members no later than April 2020.

(8) The Industry Member test environment (customer and account information) will be open to Industry Members in January 2022.

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Rule 4.16. Consolidated Audit Trail – Compliance Dates

(a) – (b) No change.

(c) CAT Data Reporting

(1) Each Industry Member (other than a Small Industry Member) (“Large Industry Member”) shall record and report the Industry Member Data to the Central Repository [by November 15, 2018.], as follows:

(A) Phase 2a Industry Member Data by June 22, 2020;

(B) Phase 2b Industry Member Data by July 20, 2020;

(C) Phase 2c Industry Member Data by April 26, 2021;

(D) Phase 2d Industry Member Data by December 13, 2021; and

(E) Phase 2e Industry Member Data by July 11, 2022.

(2) Each Industry Member that is a Small Industry Member shall record and report the Industry Member Data to the Central Repository [by November 15, 2019.], as follows:

(A) Small Industry Members that are required to record or report information to FINRA's Order Audit Trail System pursuant to applicable SRO rules ("Small Industry OATS Reporter") to report to the Central Repository Phase 2a Industry Member Data by June 22, 2020.

(B) Small Industry Members that are not required to record or report information to FINRA's Order Audit Trail System pursuant to applicable SRO rules ("Small Industry Non-OATS Reporter") to report to the Central Repository Phase 2a Industry Member Data by December 13, 2021.

(C) Small Industry Members to report to the Central Repository Phase 2b Industry Member Data, Phase 2c Industry Member Data, and Phase 2d Industry Member Data by December 13, 2021; and

(D) Small Industry Members to report to the Central Repository Phase 2e Industry Member Data by July 11, 2022.

(3) Introducing Industry Members must comply with the requirements of the CAT NMS Plan applicable to Small Industry Members.

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