Notice of proposed change pursuant to the Payment, Clearing, and Settlement Act of 2010

Section 806(e)(1) *

Section 806(e)(2) *

Security-Based Swap Submission pursuant to the Securities Exchange Act of 1934

Section 3C(b)(2) *

Exhibit 2 Sent As Paper Document

Exhibit 3 Sent As Paper Document

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

Executive Vice President and General Counsel

Edward S. Knight

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.
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

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

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

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

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

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

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

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

   (a) Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (“Act”)¹ and Rule 19b-4 thereunder,² NASDAQ OMX PHLX LLC (“Phlx” or “Exchange”) proposes to introduce a new Options Floor Broker Management System (“FBMS”) feature, as described in detail below.

   A notice of the proposed rule change for publication in the Federal Register is attached hereto as **Exhibit 1** and the text of the amended rules is attached hereto as **Exhibit 5**.

   (b) Not applicable.

   (c) Not applicable.

2. **Procedures of the Self-Regulatory Organization**

   The Board of Directors of the Exchange approved the submission of this proposed rule change on July 10, 2015. No other action by the Exchange is necessary for the filing of the rule change.

   Questions and comments on the proposed rule change may be directed to Edith Hallahan, Principal Associate General Counsel, Nasdaq, Inc., at 215-496-5179.

---


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

   a. **Purpose**

      Currently, the Exchange offers two versions of FBMS - FBMS 1 and FBMS 2.\(^3\) The proposed new FBMS (hereinafter FBMS 3) will replace both the old FBMS (“FBMS 1”) and new FBMS (“FBMS 2”) versions in operation today, as described further below.

      FBMS 3 will offer all of the same functionality as FBMS 2 as well as one additional feature, as described below. Accordingly, FBMS 2 and 3 functionality is being summarized herein merely as background.

      **New Feature - Snapshot**

      FBMS 3 will offer a new feature, called Snapshot, to improve upon the highly automated aspects of FBMS 2 in capturing a fulsome audit trail for options orders entered by Floor Brokers, and providing a means for members on the trading floor to consummate a transaction orally commensurate with verification and acceptance by the Exchange’s trading system. Specifically, the Snapshot feature, which is voluntary, will capture an electronic picture of the market for a particular option series reflecting the market conditions for such option series at the time the order is verbally executed in the trading crowd on the Exchange’s trading floor.

      Today, FBMS 2 enforces applicable priority and trade through rules, as described below, based on the market at the time the System receives the order for execution. Specifically, FBMS 2 validates whether an execution is appropriate using the market when the order is received by the System, and the fact that the market for that option...  

---

series (a potentially fast moving market) may have changed during the brief period before
the order is processed for execution can, today, prevent the Floor Broker from receiving
an execution by the System because FBMS 2 looks at the market when the option order is
submitted for execution rather than the actual market that the Floor Broker, contra-parties
and the trading crowd as a whole experienced when the trade was represented.

In contrast, when a Floor Broker chooses to utilize the new Snapshot
functionality, FBMS 3 will apply the market captured in the Snapshot when enforcing the
same applicable priority and trade through rules described above.

In order to implement Snapshot as part of FBMS 3, the Exchange proposes to
adopt new language in Rule 1063(e)(v) to provide that a Floor Broker may choose to use
the Snapshot feature, which electronically records the current market for a particular
options order (“Snapshot”) at the time the order is verbally executed in the trading crowd.
The Floor Broker may submit an options order into the System based on the Snapshot,
provided the order is submitted within 15 seconds (“Snapshot Timer”) after the Snapshot
is recorded. If the Snapshot Timer expires, because the Floor Broker required additional
time to fully enter/adjust the final terms of verbally executed trade the Floor Broker must
take a new Snapshot in order to utilize this feature.\footnote{The Floor Broker can take a new Snapshot even if the prior Snapshot has not expired. Doing so would likely reflect that the negotiation and finalization of the execution is not yet complete. For example, the Floor Broker may believe that there is agreement on the particular volume of participation and then could end up with not enough volume or too much volume once the details of participation are being inputted into FBMS.} If there are multiple Snapshots
respecting the same order, the System uses the most recent Snapshot. The System uses
the Snapshot to determine whether the price submitted by the Floor Broker is compliant
with the Snapshot by checking the applicable priority and trade-through rules,\(^5\) and, if so, processes the order. If it is not, the order is rejected back to the Floor Broker.

If the Floor Broker does not choose to submit an order utilizing Snapshot, the order will be handled as it is today (in FBMS 2); FBMS 3 will enforce applicable priority and trade through rules based on the market at the time the System receives the order. The System will process the order and that will be the execution time; in that case, the execution time is not the time the Floor Broker verbally agrees to trade in the trading crowd.

If Snapshot is used, the execution time is the time the order is verbally executed in the crowd, which is the same as FBMS 1 today. In FBMS 1, the Floor Broker manually puts its time of order execution or an Exchange-provided timestamp on the order ticket (known as “clocking” a ticket”). The Floor Broker has the obligation and incentive to do so quickly based on due diligence principles such that the “clocked” time is as close as humanly possible to the actual time of agreement. Snapshot is akin to the clocking process except that it is likely to be faster and even closer in time to verbal agreement. Accordingly, Snapshot replicates the FBMS 1 process and allows the Exchange to offer both open outcry executions as well as fully electronic executions for its members utilizing the trading floor.

Throughout the Exchange’s long history of operating trading floors for both equities and options, orders executed on the trading floor were considered executed based on the time the negotiation occurs and is completed in the crowd. FBMS 2 introduced a new concept - that orders can be submitted to the System and executed by the System.

\(^5\) These are the same checks that are provided by FBMS 2 today and are summarized below.
The Exchange believes that FBMS 2 offers many advantages and regulatory tools to help the Floor Brokers comply with applicable rules and to help the Exchange dispense with its obligations to enforce applicable priority and trade through rules. Thus, FBMS 2 is efficient for both the Floor Brokers and the Exchange respecting certain orders and certain securities. It affords Floor Brokers the ability to quickly submit a trade with the certainty of avoiding potential regulatory issues while balancing the importance of the certainty of execution as well; Floor Brokers are likely to choose the FBMS 2 process when that balancing process leads them to believe that the trade is unlikely to be rejected due to later-occurring market conditions. At the same time, in some securities, in certain volatile situations and respecting complicated orders, the application of the market at the time of order submission to the System does not reflect the market at the time of actual representation and negotiation in the trading crowd, nor does it account for the speed at which the market can change. It simply takes time for the parties to check their prices and make certain calculations. The result might be that the parties spent time negotiating a trade which afterwards became impermissible despite their expectations and even plans to hedge that trade. The Snapshot feature of FBMS 3 is intended to address this reality.

Background - Origin of FBMS 1

Historically, Floor Brokers were not connected to the order entry portals like order flow providers are, because their business was focused on receiving orders at the Floor Broker booths on the trading floor and executing such orders in person, manually. As options trading became more electronic, this has continued to change over time, such that the Exchange began to provide technology to Floor Brokers, as did other options
The main driving force behind the creation of FBMS was the Consolidated Options Audit Trail System ("COATS"), mandated in 2000. The COATS requirements created the need for tools to assist Floor Brokers in complying with the requirement to capture certain options order information, including the time of order receipt and execution, contemporaneously with receipt and execution.

FBMS 2 Same as FBMS 3

FBMS 2 introduced many enhancements over FBMS 1, as summarized below. At this time, the Exchange proposes to introduce FBMS 3, while maintaining all of the features of FBMS 2. Specifically, the Exchange will continue to provide Floor Brokers with a feature called a complex calculator. Floor Brokers entering multi-leg option orders up to 15 legs on a net debit or net credit basis via FBMS would receive suggested

---


7 See subparagraph IV.B.e(v) of the Order Instituting Public Administrative Proceedings Pursuant to Section 19(h)(1) of the Securities Exchange Act of 1934, Making Findings and Imposing Remedial Sanctions. See Securities Exchange Act Release No. 43268 (September 11, 2000) (Requiring options exchanges to design and implement COATS to "incorporate into the audit trail all non-electronic orders such that the audit trail provides an accurate, time-sequenced record of electronic and other orders, quotations and transactions on such respondent exchange, beginning with the receipt of an order by such respondent exchange and further documenting the life of the order through the process of execution, partial execution, or cancellation of that order..." ("Phase V")).

8 COATS is not just applicable to Floor Brokers but was particularly challenging for them because of the number of orders they execute manually.

prices for each component of the multi-leg order that would achieve the desired net debit or net credit price.  

With FBMS 3, the Floor Broker will continue to enter the trading crowd (after entering all of the required electronic audit trail information onto the FBMS in accordance with Exchange rules11) and request a market.

Floor Brokers will continue to submit orders represented in the trading crowd for execution by FBMS 3; the order will be executed based on existing markets and Exchange rules (unless a Snapshot is taken). If the order cannot be executed due to, for example, a change in the market, the System will attempt to execute the order a number of times for a period of no more than one second, after which it will be returned to the Floor Broker on the FBMS. The Floor Broker may resubmit the order for execution, as long as the quotes/orders that comprise the order have not been withdrawn.12

FBMS 3, like FBMS 2, will assist Floor Brokers with “clearing the book.” For example, if a Floor Broker enters a two-sided order through the new FBMS and there is an order on the book at a price that prevents the Floor Broker’s order from executing, FBMS 3 will indicate to the Floor Broker how many contracts need to be satisfied before the Floor Broker’s order can execute at the agreed-upon price. If the Floor Broker agrees to satisfy that order, consistent with the order placed in his care, he can cause FBMS to send a portion of one of his orders to the System to trade against the order on the book,

---

10 The complex calculator functionality does not execute orders.
11 See Rules 1063(e) and (f).
12 See Rule 1000(g).
thereby clearing it and permitting the remainder of the Floor Broker’s order to trade.\textsuperscript{13} This functionality is optional in the sense that the Floor Broker can decide not to trade against the book, consistent with order instructions he has been given,\textsuperscript{14} and therefore not execute his two-sided order at that particular price.\textsuperscript{15}

In FBMS 3, most orders handled by Floor Brokers (limited exceptions apply) will continue to be executed by the Exchange’s System and not verbally by Floor Brokers in the trading crowd. Trades not involving a Floor Broker will still be executable verbally in the trading crowd.\textsuperscript{16} For example, a specialist trading with a Registered Options Trader (“ROT”) will continue to be able to do so; specialists and ROTs do not have FBMS, because it is a tool for Floor Brokers. Trades executed electronically through FBMS are automatically trade reported.

\textbf{Implementation}

Respecting FBMS 2, the Exchange has acknowledged that it has experienced latencies and disruptions that interfered with the Floor Broker’s ability to execute orders

\textsuperscript{13} When clearing the book, the Floor Broker cannot use the Snapshot feature, because FBMS will be relying on the actual orders on the book and current market conditions to do so.

\textsuperscript{14} For example, the Floor Broker may have been instructed to trade a certain minimum amount.

\textsuperscript{15} Of course, the Floor Broker must exercise due diligence in the execution of the order pursuant to Rules 155 and 1065. Presumably, Floor Brokers’ clients send them orders (rather than entering them electronically into Phlx XL), because they desire the order handling that a Floor Broker provides; if the client wanted a portion of their order to trade against the book, they could submit their order to do so. Nothing requires the book to be cleared if the client or Floor Broker determines not to pursue the execution of their order at that time.

\textsuperscript{16} The restriction from manual trading in Rule 1000(f) is limited to trades involving at least one Floor Broker. \textit{See} Rule 1000(f)(ii).
on the Exchange. FBMS 3 will consist of a technology architecture intended to
eliminate the latencies suffered by the users of FBMS 2. The Exchange believes that the
particular architecture underlying FBMS 3 should not result in those same issues. Those
issues, have, nevertheless, resulted in the Exchange continuing to offer FBMS 1
alongside FBMS 2 to permit its Floor Brokers to succeed in executing orders, consistent
with their due diligence obligations.

The Exchange proposes to implement FBMS 3 with a trial period of three to six
months, to be determined by the Exchange and announced by Options Trader Alert,
during which FBMS 3 and these proposed rules will operate along with the existing
FBMS 1. The Exchange and the Floor Brokers simply need time to determine what the
appropriate time period, based on their actual experience, so that market participants are
well-served and floor trading remains smooth. The Exchange seeks to begin
implementation no later than October 2016. Thus, Floor Brokers and their personnel will
be able to get accustomed to FBMS 3 over a period of time, before FBMS 1 is no longer
available. The Exchange believes that this trial period is reasonable and should assist
Floor Brokers and their staff in learning about FBMS 3. At the same time, the Exchange
does not believe that this will be a difficult transition, as FBMS 3 is designed to function

17 The Exchange delayed the full implementation of FBMS 2 several times and has
operated FBMS 1 and FBMS 2 concurrently since March 2014. Securities
Exchange Act Release Nos. 69811 (June 20, 2013), 78 FR 38422 (June 26, 2013)
(SR-Phlx-2013-67); 70141 (August 8, 2013), 78 FR 49565 (August 14,
2013)(SR-Phlx-2013-83); 70629 (October 8, 2013), 78 FR 62852 (October 22,
2013) (SR-Phlx-2013-100); 71212 (December 31, 2013), 79 FR 888 (January 7,
2014)(SR-Phlx-2013-129); 72135 (May 9, 2014), 79 FR 27966 (May 15,
2014)(SR-Phlx-2014-33); and 73246 (September 29, 2014), 79 FR 59874

18 See supra note 15.
the same as FBMS 2, except the Snapshot feature, which is optional. Based on experience during the trial period, the Exchange may determine to operate both FBMS 1 and 3 concurrently while ending FBMS 2; the Exchange will provide advanced notice to Floor Brokers of such timing. The Exchange may also determine to revert to FBMS 2 in the event that any issues arise respecting FBMS 3.

b. **Statutory Basis**

The Exchange believes that its proposal is consistent with Section 6(b) of the Act\(^\text{19}\) in general, and furthers the objectives of Section 6(b)(5) of the Act\(^\text{20}\) in particular, in that it is designed to promote just and equitable principles of trade, to remove impediments to and perfect the mechanism of a free and open market and a national market system, and to protect investors and the public interest. Specifically, all of the existing features of FBMS 2 that will be offered in FBMS 3, together, should increase the speed with which Floor Brokers handle such orders, thereby making the Exchange’s markets more efficient, to the benefit of the investing public and consistent with promoting just and equitable principles of trade. Accordingly, the Exchange believes that FBMS 3 is consistent with the Act for the same reasons that FBMS 2 was approved as consistent with the Act.\(^\text{21}\)

The Exchange also believes that the proposed Snapshot feature should promote just and equitable principles of trade by enhancing the efficiency of Exchange floor executions, resulting in increased order interaction and better execution fill rates.

---

\(^{19}\) 15 U.S.C. 78f(b).


\(^{21}\) See supra note 9.
Specifically, the Exchange believes that the Snapshot feature should help Floor Brokers actually get orders executed. As explained above, certain market conditions, volatile securities and complicated orders require the benefit of the Snapshot feature which is intended to replicate the same processes that have long been in effect with FBMS 1; namely, that the time of execution, which Snapshot is intended to capture as best as possible and entirely electronically, is the time at which the trade was agreed upon on the trading floor. The Exchange also believes that the resulting improved certainty of execution protects investors and the public interest by eliminating the possibility that an order can be returned to a Floor Broker using FBMS 2 due to changed market conditions that do not reflect the conditions in place when the trade occurred.

As explained above, the Snapshot feature is consistent with options trade through and priority rules, and based on the Snapshot market, helps ensure that an execution cannot occur in violation of those rules. Specifically, potential trades are evaluated by the System based on market conditions that were in place at the time of in-crowd execution, conditions upon which the parties to the trade relied. And, this occurs electronically such that it is verifiable and prevents violations, as explained above. The System will automatically apply the provisions in Rules 1014, 1033 and 1084 to checking potential trades against the Snapshot market. Accordingly, the Snapshot feature is intended to preserve those principles. The Snapshot feature promotes just and equitable principles of trade by applying the correct timing of market conditions to the important priority and trade through prevention rules.

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

The Exchange does not believe that the proposed rule change will impose any
burden on competition not necessary or appropriate in furtherance of the purposes of the Act. The Exchange believes that FBMS 3 should result in the Exchange’s trading floor operating in a more efficient way, which should help it compete with other floor-based exchanges and help the Exchange’s Floor Brokers compete with floor brokers on other options exchanges. The proposal does not impose a burden on intra-market competition not necessary or appropriate in furtherance of the purposes of the Act, because it modernizes floor trading without undue impact on any particular segment of the membership, as explained above. Overall, the proposal is pro-competitive for several reasons; in addition, to helping Phlx Floor Brokers compete for executions against floor brokers at other exchanges, it also helps them be more efficient and compete more effectively against fully electronic executions. This, in turn, helps the Exchange compete against other exchanges in a deeply competitive landscape. In addition, the proposal helps the Exchange compete by ensuring the robustness of its regulatory program, Floor Brokers’ compliance with applicable rules, and enhancing customer protection through further utilization of electronic tools by members, which can be a differentiator in attracting participants and order flow and which should benefit customers in the long term. The Exchange also believes that the Snapshot feature should foster the Exchange’s competitive position by helping Floor Brokers get their orders executed, as compared to the operation of FBMS 3 without the Snapshot feature.

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

No written comments were either solicited or received.
6. **Extension of Time Period for Commission Action**

The Exchange does not consent to an extension of the time period for Commission action.

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

Not applicable.

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

Although the Exchange is not aware of an exact feature like Snapshot in place on another options exchange, the Exchange believes that other exchanges that operate a trading floor utilize various methods and processes to address market changes that can occur while a floor broker is in the process of executing an order. For example, the Exchange understands that CBOE uses a PAR Official to check whether an order was executable when the floor broker executed such order in the trading crowd and then permits that order to be submitted to the exchange for post-trade handling (noting that the execution occurs in the trading crowd). The Exchange believes that its Snapshot feature is superior to manual processes involving a person, because it is done automatically and is not prone to potential error or mishandling.

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

Not applicable.

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

Not applicable.

---

22 See e.g., CBOE Rules 6.12A and 7.12.
11. **Exhibits**

1. Exhibit 1, Notice of proposed rule for publication in the *Federal Register*.
2. Exhibit 5, Proposed rule text.
Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 ("Act")\(^1\), and Rule 19b-4 thereunder,\(^2\) notice is hereby given that on January 29, 2016, NASDAQ OMX PHLX LLC ("Exchange") filed with the Securities and Exchange Commission ("SEC" or "Commission") the proposed rule change as described in Items I, II, and III, below, which Items have been prepared by the Exchange. The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

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

The Exchange proposes to introduce a new Options Floor Broker Management System ("FBMS") feature.

The text of the proposed rule change is available on the Exchange’s Website at [http://nasdaqomxphlx.cchwallstreet.com](http://nasdaqomxphlx.cchwallstreet.com), at the principal office of the Exchange, 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

Currently, the Exchange offers two versions of FBMS - FBMS 1 and FBMS 2.\(^3\) The proposed new FBMS (hereinafter FBMS 3) will replace both the old FBMS (“FBMS 1”) and new FBMS (“FBMS 2”) versions in operation today, as described further below. FBMS 3 will offer all of the same functionality as FBMS 2 as well as one additional feature, as described below. Accordingly, FBMS 2 and 3 functionality is being summarized herein merely as background.

New Feature - Snapshot

FBMS 3 will offer a new feature, called Snapshot, to improve upon the highly automated aspects of FBMS 2 in capturing a fulsome audit trail for options orders entered by Floor Brokers, and providing a means for members on the trading floor to consummate a transaction orally commensurate with verification and acceptance by the Exchange’s trading system. Specifically, the Snapshot feature, which is voluntary, will capture an electronic picture of the market for a particular option series reflecting the market conditions for such option series at the time the order is verbally executed in the trading crowd on the Exchange’s trading floor.

Today, FBMS 2 enforces applicable priority and trade through rules, as described below, based on the market at the time the System receives the order for execution. Specifically, FBMS 2 validates whether an execution is appropriate using the market when the order is received by the System, and the fact that the market for that option series (a potentially fast moving market) may have changed during the brief period before the order is processed for execution can, today, prevent the Floor Broker from receiving an execution by the System because FBMS 2 looks at the market when the option order is submitted for execution rather than the actual market that the Floor Broker, contra-parties and the trading crowd as a whole experienced when the trade was represented.

In contrast, when a Floor Broker chooses to utilize the new Snapshot functionality, FBMS 3 will apply the market captured in the Snapshot when enforcing the same applicable priority and trade through rules described above.

In order to implement Snapshot as part of FBMS 3, the Exchange proposes to adopt new language in Rule 1063(e)(v) to provide that a Floor Broker may choose to use the Snapshot feature, which electronically records the current market for a particular options order (“Snapshot”) at the time the order is verbally executed in the trading crowd. The Floor Broker may submit an options order into the System based on the Snapshot, provided the order is submitted within 15 seconds (“Snapshot Timer”) after the Snapshot is recorded. If the Snapshot Timer expires, because the Floor Broker required additional time to fully enter/adjust the final terms of verbally executed trade the Floor Broker must take a new Snapshot in order to utilize this feature.\(^4\) If there are multiple Snapshots

\(^4\) The Floor Broker can take a new Snapshot even if the prior Snapshot has not expired. Doing so would likely reflect that the negotiation and finalization of the execution is not yet complete. For example, the Floor Broker may believe that
respecting the same order, the System uses the most recent Snapshot. The System uses
the Snapshot to determine whether the price submitted by the Floor Broker is compliant
with the Snapshot by checking the applicable priority and trade-through rules, and, if so,
processes the order. If it is not, the order is rejected back to the Floor Broker.

If the Floor Broker does not choose to submit an order utilizing Snapshot, the
order will be handled as it is today (in FBMS 2); FBMS 3 will enforce applicable priority
and trade through rules based on the market at the time the System receives the order.
The System will process the order and that will be the execution time; in that case, the
execution time is not the time the Floor Broker verbally agrees to trade in the trading
crowd.

If Snapshot is used, the execution time is the time the order is verbally executed in the
crowd, which is the same as FBMS 1 today. In FBMS 1, the Floor Broker manually
puts its time of order execution or an Exchange-provided timestamp on the order ticket
(known as “clocking” a ticket”). The Floor Broker has the obligation and incentive to do
so quickly based on due diligence principles such that the “clocked” time is as close as
humanly possible to the actual time of agreement. Snapshot is akin to the clocking
process except that it is likely to be faster and even closer in time to verbal agreement.
Accordingly, Snapshot replicates the FBMS 1 process and allows the Exchange to offer
both open outcry executions as well as fully electronic executions for its members
utilizing the trading floor.

---

there is agreement on the particular volume of participation and then could end up
with not enough volume or too much volume once the details of participation are
being inputted into FBMS.

\[5\] These are the same checks that are provided by FBMS 2 today and are
summarized below.
Throughout the Exchange’s long history of operating trading floors for both equities and options, orders executed on the trading floor were considered executed based on the time the negotiation occurs and is completed in the crowd. FBMS 2 introduced a new concept - that orders can be submitted to the System and executed by the System.

The Exchange believes that FBMS 2 offers many advantages and regulatory tools to help the Floor Brokers comply with applicable rules and to help the Exchange dispense with its obligations to enforce applicable priority and trade through rules. Thus, FBMS 2 is efficient for both the Floor Brokers and the Exchange respecting certain orders and certain securities. It affords Floor Brokers the ability to quickly submit a trade with the certainty of avoiding potential regulatory issues while balancing the importance of the certainty of execution as well; Floor Brokers are likely to choose the FBMS 2 process when that balancing process leads them to believe that the trade is unlikely to be rejected due to later-occurring market conditions. At the same time, in some securities, in certain volatile situations and respecting complicated orders, the application of the market at the time of order submission to the System does not reflect the market at the time of actual representation and negotiation in the trading crowd, nor does it account for the speed at which the market can change. It simply takes time for the parties to check their prices and make certain calculations. The result might be that the parties spent time negotiating a trade which afterwards became impermissible despite their expectations and even plans to hedge that trade. The Snapshot feature of FBMS 3 is intended to address this reality.

Background - Origin of FBMS 1

Historically, Floor Brokers were not connected to the order entry portals like order flow providers are, because their business was focused on receiving orders at the
Floor Broker booths on the trading floor and executing such orders in person, manually. As options trading became more electronic, this has continued to change over time, such that the Exchange began to provide technology to Floor Brokers, as did other options exchanges. The main driving force behind the creation of FBMS was the Consolidated Options Audit Trail System (“COATS”), mandated in 2000. The COATS requirements created the need for tools to assist Floor Brokers in complying with the requirement to capture certain options order information, including the time of order receipt and execution, contemporaneously with receipt and execution.

FBMS 2 Same as FBMS 3

FBMS 2 introduced many enhancements over FBMS 1, as summarized below. At this time, the Exchange proposes to introduce FBMS 3, while maintaining all of the features of FBMS 2. Specifically, the Exchange will continue to provide Floor Brokers with a feature called a complex calculator. Floor Brokers entering multi-leg option


7 See subparagraph IV.B.e(v) of the Order Instituting Public Administrative Proceedings Pursuant to Section 19(h)(1) of the Securities Exchange Act of 1934, Making Findings and Imposing Remedial Sanctions. See Securities Exchange Act Release No. 43268 (September 11, 2000) (Requiring options exchanges to design and implement COATS to "incorporate into the audit trail all non-electronic orders such that the audit trail provides an accurate, time-sequenced record of electronic and other orders, quotations and transactions on such respondent exchange, beginning with the receipt of an order by such respondent exchange and further documenting the life of the order through the process of execution, partial execution, or cancellation of that order..." ("Phase V").

8 COATS is not just applicable to Floor Brokers but was particularly challenging for them because of the number of orders they execute manually.

orders up to 15 legs on a net debit or net credit basis via FBMS would receive suggested prices for each component of the multi-leg order that would achieve the desired net debit or net credit price.10

With FBMS 3, the Floor Broker will continue to enter the trading crowd (after entering all of the required electronic audit trail information onto the FBMS in accordance with Exchange rules11) and request a market.

Floor Brokers will continue to submit orders represented in the trading crowd for execution by FBMS 3; the order will be executed based on existing markets and Exchange rules (unless a Snapshot is taken). If the order cannot be executed due to, for example, a change in the market, the System will attempt to execute the order a number of times for a period of no more than one second, after which it will be returned to the Floor Broker on the FBMS. The Floor Broker may resubmit the order for execution, as long as the quotes/orders that comprise the order have not been withdrawn.12

FBMS 3, like FBMS 2, will assist Floor Brokers with “clearing the book.” For example, if a Floor Broker enters a two-sided order through the new FBMS and there is an order on the book at a price that prevents the Floor Broker’s order from executing, FBMS 3 will indicate to the Floor Broker how many contracts need to be satisfied before the Floor Broker’s order can execute at the agreed-upon price. If the Floor Broker agrees to satisfy that order, consistent with the order placed in his care, he can cause FBMS to send a portion of one of his orders to the System to trade against the order on the book,

10 The complex calculator functionality does not execute orders.

11 See Rules 1063(e) and (f).

12 See Rule 1000(g).
thereby clearing it and permitting the remainder of the Floor Broker’s order to trade.\textsuperscript{13}

This functionality is optional in the sense that the Floor Broker can decide not to trade against the book, consistent with order instructions he has been given,\textsuperscript{14} and therefore not execute his two-sided order at that particular price.\textsuperscript{15}

In FBMS 3, most orders handled by Floor Brokers (limited exceptions apply) will continue to be executed by the Exchange’s System and not verbally by Floor Brokers in the trading crowd. Trades not involving a Floor Broker will still be executable verbally in the trading crowd.\textsuperscript{16} For example, a specialist trading with a Registered Options Trader (“ROT”) will continue to be able to do so; specialists and ROTs do not have FBMS, because it is a tool for Floor Brokers. Trades executed electronically through FBMS are automatically trade reported.

\textbf{Implementation}

Respecting FBMS 2, the Exchange has acknowledged that it has experienced latencies and disruptions that interfered with the Floor Broker’s ability to execute orders

\textsuperscript{13} When clearing the book, the Floor Broker cannot use the Snapshot feature, because FBMS will be relying on the actual orders on the book and current market conditions to do so.

\textsuperscript{14} For example, the Floor Broker may have been instructed to trade a certain minimum amount.

\textsuperscript{15} Of course, the Floor Broker must exercise due diligence in the execution of the order pursuant to Rules 155 and 1065. Presumably, Floor Brokers’ clients send them orders (rather than entering them electronically into Phlx XL), because they desire the order handling that a Floor Broker provides; if the client wanted a portion of their order to trade against the book, they could submit their order to do so. Nothing requires the book to be cleared if the client or Floor Broker determines not to pursue the execution of their order at that time.

\textsuperscript{16} The restriction from manual trading in Rule 1000(f) is limited to trades involving at least one Floor Broker. \textit{See} Rule 1000(f)(ii).
on the Exchange.\textsuperscript{17} FBMS 3 will consist of a technology architecture intended to eliminate the latencies suffered by the users of FBMS 2. The Exchange believes that the particular architecture underlying FBMS 3 should not result in those same issues. Those issues, have, nevertheless, resulted in the Exchange continuing to offer FBMS 1 alongside FBMS 2 to permit its Floor Brokers to succeed in executing orders, consistent with their due diligence obligations.\textsuperscript{18}

The Exchange proposes to implement FBMS 3 with a trial period of three to six months, to be determined by the Exchange and announced by Options Trader Alert, during which FBMS 3 and these proposed rules will operate along with the existing FBMS 1. The Exchange and the Floor Brokers simply need time to determine what the appropriate time period, based on their actual experience, so that market participants are well-served and floor trading remains smooth. The Exchange seeks to begin implementation no later than October 2016. Thus, Floor Brokers and their personnel will be able to get accustomed to FBMS 3 over a period of time, before FBMS 1 is no longer available. The Exchange believes that this trial period is reasonable and should assist Floor Brokers and their staff in learning about FBMS 3. At the same time, the Exchange does not believe that this will be a difficult transition, as FBMS 3 is designed to function


\textsuperscript{18} See supra note 15.
the same as FBMS 2, except the Snapshot feature, which is optional. Based on experience during the trial period, the Exchange may determine to operate both FBMS 1 and 3 concurrently while ending FBMS 2; the Exchange will provide advanced notice to Floor Brokers of such timing. The Exchange may also determine to revert to FBMS 2 in the event that any issues arise respecting FBMS 3.

2. **Statutory Basis**

The Exchange believes that its proposal is consistent with Section 6(b) of the Act\(^\text{19}\) in general, and furthers the objectives of Section 6(b)(5) of the Act\(^\text{20}\) in particular, in that it is designed to promote just and equitable principles of trade, to remove impediments to and perfect the mechanism of a free and open market and a national market system, and to protect investors and the public interest. Specifically, all of the existing features of FBMS 2 that will be offered in FBMS 3, together, should increase the speed with which Floor Brokers handle such orders, thereby making the Exchange’s markets more efficient, to the benefit of the investing public and consistent with promoting just and equitable principles of trade. Accordingly, the Exchange believes that FBMS 3 is consistent with the Act for the same reasons that FBMS 2 was approved as consistent with the Act\(^\text{21}\).

The Exchange also believes that the proposed Snapshot feature should promote just and equitable principles of trade by enhancing the efficiency of Exchange floor executions, resulting in increased order interaction and better execution fill rates.

---

\(^{19}\) 15 U.S.C. 78f(b).


\(^{21}\) See supra note 9.
Specifically, the Exchange believes that the Snapshot feature should help Floor Brokers actually get orders executed. As explained above, certain market conditions, volatile securities and complicated orders require the benefit of the Snapshot feature which is intended to replicate the same processes that have long been in effect with FBMS 1; namely, that the time of execution, which Snapshot is intended to capture as best as possible and entirely electronically, is the time at which the trade was agreed upon on the trading floor. The Exchange also believes that the resulting improved certainty of execution protects investors and the public interest by eliminating the possibility that an order can be returned to a Floor Broker using FBMS 2 due to changed market conditions that do not reflect the conditions in place when the trade occurred.

As explained above, the Snapshot feature is consistent with options trade through and priority rules, and based on the Snapshot market, helps ensure that an execution cannot occur in violation of those rules. Specifically, potential trades are evaluated by the System based on market conditions that were in place at the time of in-crowd execution, conditions upon which the parties to the trade relied. And, this occurs electronically such that it is verifiable and prevents violations, as explained above. The System will automatically apply the provisions in Rules 1014, 1033 and 1084 to checking potential trades against the Snapshot market. Accordingly, the Snapshot feature is intended to preserve those principles. The Snapshot feature promotes just and equitable principles of trade by applying the correct timing of market conditions to the important priority and trade through prevention rules.

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

The Exchange does not believe that the proposed rule change will impose any
burden on competition not necessary or appropriate in furtherance of the purposes of the Act. The Exchange believes that FBMS 3 should result in the Exchange’s trading floor operating in a more efficient way, which should help it compete with other floor-based exchanges and help the Exchange’s Floor Brokers compete with floor brokers on other options exchanges. The proposal does not impose a burden on intra-market competition not necessary or appropriate in furtherance of the purposes of the Act, because it modernizes floor trading without undue impact on any particular segment of the membership, as explained above. Overall, the proposal is pro-competitive for several reasons; in addition, to helping Phlx Floor Brokers compete for executions against floor brokers at other exchanges, it also helps them be more efficient and compete more effectively against fully electronic executions. This, in turn, helps the Exchange compete against other exchanges in a deeply competitive landscape. In addition, the proposal helps the Exchange compete by ensuring the robustness of its regulatory program, Floor Brokers’ compliance with applicable rules, and enhancing customer protection through further utilization of electronic tools by members, which can be a differentiator in attracting participants and order flow and which should benefit customers in the long term. The Exchange also believes that the Snapshot feature should foster the Exchange’s competitive position by helping Floor Brokers get their orders executed, as compared to the operation of FBMS 3 without the Snapshot feature.

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

No written comments were either solicited or received.
III. **Date of Effectiveness of the Proposed Rule Change and Timing for Commission Action**

Within 45 days of the date of publication of this notice in the Federal Register or within such longer period (i) as the Commission may designate up to 90 days of such date if it finds such longer period to be appropriate and publishes its reasons for so finding or (ii) as to which the Exchange consents, the Commission shall: (a) by order approve or disapprove such proposed rule change, or (b) institute proceedings to determine whether the proposed rule change should be 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](http://www.sec.gov/rules/sro.shtml); or
- Send an e-mail to rule-comments@sec.gov. Please include File Number SR-Phlx-2016-15 on the subject line.

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

All submissions should refer to File Number SR-Phlx-2016-15. This file number should be included on the subject line if e-mail is used. To help the Commission process and review your comments more efficiently, please use only one method. The Commission
will post all comments on the Commission’s Internet Web site (http://www.sec.gov/rules/sro.shtml).

Copies of the submission, all subsequent amendments, all written statements with respect to the proposed rule change that are filed with the Commission, and all written communications relating to the proposed rule change between the Commission and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for website viewing and printing in the Commission’s Public Reference Room, 100 F Street, NE, Washington, DC 20549, on official business days between the hours of 10:00 a.m. and 3:00 p.m. Copies of the filing also will be available for inspection and copying at the principal office of the Exchange. All comments received will be posted without change; the Commission does not edit personal identifying information from submissions. You should submit only information that you wish to make available publicly.

All submissions should refer to File Number SR-Phlx-2016-15 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. 22

Robert W. Errett
Deputy Secretary

---

EXHIBIT 5

Proposed new language is underlined. Proposed deletions are enclosed in brackets.

Rules of the Exchange

* * * * *

OPTIONS RULES

Rules Applicable to Trading of Options on Stocks, Exchange-Traded Fund Shares and Foreign Currencies (Rules 1000—1095)

* * * * *

Rule 1063. Responsibilities of Floor Brokers

(a) – (d) No change.

(e) (i) **Options Floor Broker Management System.** In order to create an electronic audit trail for equity, equity index and U.S. dollar-settled foreign currency options orders represented by Floor Brokers on the Exchange's Options Floor, a Floor Broker or such Floor Broker's employees shall, contemporaneously upon receipt of an order and prior to the representation of such an order in the trading crowd, record all options orders represented by such Floor Broker onto the electronic Options Floor Broker Management System ("FBMS") (as described in Rule 1080, Commentary .06). The following specific information with respect to orders represented by a Floor Broker shall be recorded by such Floor Broker or such Floor Broker's employees: (i) the order type (i.e., customer, firm, broker-dealer, professional) and order receipt time; (ii) the option symbol; (iii) buy, sell, cross or cancel; (iv) call, put, complex (i.e., spread, straddle), or contingency order as described in Rule 1066; (v) number of contracts; (vi) limit price or market order or, in the case of a multi-leg order, net debit or credit, if applicable; (vii) whether the transaction is to open or close a position; and (viii) The Options Clearing Corporation ("OCC") clearing number of the broker-dealer that submitted the order (collectively, the "required information"). A Floor Broker must enter complete alpha/numeric identification assigned by the Exchange for all orders entered on behalf of Exchange Registered Option Traders. Any additional information with respect to the order shall be inputted into the Options Floor Broker Management System contemporaneously upon receipt, which may occur after the representation and execution of the order. In the event of a malfunction in the Options Floor Broker Management System, Floor Brokers shall record the required information on trade tickets, and shall not represent an order for execution which has not been time stamped with the time of entry on the trading floor. Such trade tickets shall be time stamped upon the execution of such an order. Floor Brokers or their employees shall enter the required information that is recorded on such trade tickets into the Exchange's electronic system for inclusion in the electronic audit trail.
(ii) Pursuant to Rule 1000(f), Floor Brokers are not permitted to execute orders in the Exchange's options trading crowd (subject to certain exceptions). In the event of a malfunction in the FBMS or in the event that the Exchange determines that Floor Brokers are permitted to execute orders in the Exchange's options trading crowd for a specific reason pursuant to Rule 1000(f)(iii), Floor Brokers shall record the required information on trade tickets, and shall not represent an order for execution which has not been time stamped with the time of entry on the trading floor. Such trade tickets shall be time stamped upon the execution of such an order. Floor Brokers or their employees shall either enter the required information that is recorded on such trade tickets into the Exchange's electronic trading system or ensure that such information is entered for inclusion in the electronic audit trail.

(iii) Complex Calculator. The FBMS will calculate and display a suggested price of each individual component of a multi-leg order up to 15 legs submitted on a net debit or credit basis based on either the current market, or, if the Floor Broker is using the Snapshot feature described below, based on the Snapshot, as defined below.

(iv) Execution. FBMS is also designed to execute two-sided orders entered by Floor Brokers, including multi-leg orders up to 15 legs, after representation in the trading crowd. When a Floor Broker submits an order for execution through FBMS, the order will be executed based on market conditions and in accordance with Exchange rules. FBMS execution functionality will assist the Floor Broker in clearing the Exchange book, consistent with Exchange priority rules. If the order cannot be executed, the System will attempt to execute the order a number of times for a period of no more than one second, which period shall be established by the Exchange and announced by Options Trader Alert, after which it will be returned to the Floor Broker on the FBMS. The Floor Broker may resubmit the order for execution, as long as the quotes/orders that comprise the cross have not been withdrawn.

(v) Snapshot Feature. A Floor Broker may choose to use the Snapshot feature, which electronically records a snapshot of the current market for a particular options order (“Snapshot”) at the time the order is verbally executed in the trading crowd. The Floor Broker may submit an options order into the System based on the Snapshot provided the order is submitted within 15 seconds (“Snapshot Timer”) after the Snapshot is recorded. If the Snapshot Timer expires, the Floor Broker must take a new Snapshot in order to use the Snapshot feature. If there are multiple Snapshots for the same order, the System uses the most recent Snapshot. The System uses the Snapshot to determine whether the price submitted by the Floor Broker is consistent with the Snapshot by checking the applicable priority and trade-through rules, and, if so, processes the order. If it is not, the order is rejected back to the Floor Broker.
(vi) Floor Brokers are responsible for handling all FBMS orders in accordance with Exchange priority and trade-through rules, including Rules 1014, 1033 and 1084.

(f) No change.

*** Commentary:  ---------------

.01 - .02  No change.

* * * * *