Required fields are shown with yellow backgrounds and asterisks.

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549
Form 19b-4

File No. * SR 2026 - * 011

Amendment No. (req. for Amendments *)

Filing by Cboe BZX Exchange, Inc.

Pursuant to Rule 19b-4 under the Securities Exchange Act of 1934

Initial *	Amendment *	Withdrawal	Section 19(b)(2) *	Section 19(b)(3)(A) *	Section 19(b)(3)(B) *
✓	☐	☐	☐	✓	☐

Rule

☐ 19b-4(f)(1)   ☐ 19b-4(f)(4)

✓ 19b-4(f)(2)   ☐ 19b-4(f)(5)

☐ 19b-4(f)(3)   ☐ 19b-4(f)(6)

Pilot	Extension of Time Period for Commission Action *	Date Expires *
☐	☐	

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

☐   ☐

Description

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

The Exchange proposes to adopt fees for new logical ports in connection with a new connectivity offering on its equity options platform.

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 * Allyson   Last Name * Van Marter

Title * Counsel

E-mail * avanmarter@cboe.com

Telephone * (312) 786-7098   Fax

Signature

Pursuant to the requirements of the Securities Exchange of 1934, Cboe BZX Exchange, Inc.
has duly caused this filing to be signed on its behalf by the undersigned thereunto duly authorized.

Date 01/29/2026

By Matthew Iwamaye
(Name *)

(Title *)
VP, Associate General Counsel

NOTE: Clicking the signature block at right will initiate digitally signing the form. A digital signature is as legally binding as a physical signature, and once signed, this form cannot be changed.

Matthew Iwamaye   Date: 2026.01.29
11:15:28 -06'00'

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

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

Form 19b-4 Information *

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26-011 (Unitized Port Fees) 19b-4 - R

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 *

Add	Remove	View

26-011 (Unitized Port Fees) Exhibit 1.

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 Advanced 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 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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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 Sent As Paper Document

Exhibit 3 - Form, Report, or Questionnaire

Add	Remove	View

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 Sent As Paper Document

Exhibit 4 - Marked Copies

Add	Remove	View

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

Add	Remove	View

26-011 (Unitized Port Fees) Exhibit 5 -

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

Add	Remove	View

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 BZX Exchange, Inc. (the "Exchange" or "BZX") proposes to adopt

fees for new logical ports in connection with a new connectivity offering on its equity

options platform. 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 President (or designee) pursuant to delegated authority

approved the proposed rule change on August 30, 2024.

(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 Matthew Iwamaye, (732) 687-9355, Cboe BZX Exchange, Inc., 433 West Van

Buren Street, Chicago, Illinois 60607.

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

(a)   Purpose

The Exchange proposes to amend its fee schedule to adopt fees for Unitized

Logical Ports, a new connectivity offering for its equity options platform ("BZX

Options") and adopt new Average Daily Quote and Average Daily Order fees.[1]

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[1]   The Exchange initially submitted the proposed rule change on August 30, 2024 and was effective September 3, 2024 (SR-CboeBZX-2024-082). On September 13, 2024, the Exchange withdrew that filing and submitted SR-CboeBZX-2024-088. On November 12, 2024, the Exchange withdrew that filing and submitted SR-CboeBZX-2024-113. On December 20, 2024, the Exchange withdrew that filing and submitted SR-CboeBZX-2024-131. On February 3, 2025, the Exchange withdrew that filing and submitted SR-CboeBZX-2025-016. On April 4, the Exchange withdrew that filing and submitted SR-Cboe-BZX-2025-052. On June 2, 2025, the Exchange withdrew that filing and submitted SR-Cboe-BZX-2025-075. On July 31, 2025, the Exchange withdrew that filing and submitted SR-CboeBZX-2025-107. On September 26, 2025, the Exchange submitted SR-CboeBZX-2025-134. On November 24, 2025, the Exchange withdrew

Unitized Port Fees

By way of background, Exchange Members may interface with the Exchange's

Trading System[2] (hereinafter, "System") by utilizing either the Financial Information

Exchange ("FIX") protocol or the Binary Order Entry ("BOE") protocol. The Exchange

further offers a variety of logical ports,[3] which provide users of these ports with the

ability within the Exchange's System to accomplish a specific function through a

connection, such as order entry, data receipt or access to information. For example, such

ports include Logical Ports,[4] Purge Ports,[5] and Ports with Bulk Quoting Capabilities[6]

("Bulk Ports"). By way of further background, each of these ports corresponds to a single

running order handler. Each order handler processes the messages it receives from these

ports from the connected Members. This processing includes determining whether the

message contains the required information to enter the System, whether the message

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that filing and submitted SR-CboeBZX-2025-152. On December 4, 2025, the Exchange withdrew that filing and submitted SR-CboeBZX-2025-158. On January 29, 2026, the Exchange withdrew that filing and submitted this filing.

[2]   The terms "Trading System" and "System" mean the automated trading system used by BZX Options for the trading of options contracts. See Chapter XVI. General Provisions – BZX Options, Rule 16.1 Definitions.

[3]   See Exchange Rule 21.1 (l)(2), definition of "logical port." Logical ports include FIX and BOE ports (used for order entry), drop logical port (which grants users the ability to receive and/or send drop copies) and ports that are used for receipt of certain market data feeds.

[4]   The term "Logical Ports" used herein shall refer to FIX and BOE ports (used for order entry). See Cboe BZX Options Fee Schedule, Options Logical Port Fees, "Logical Ports" (which exclude Purge Port, Multicast PITCH Spin Server Port or GRP Port).

[5]   Purge Ports provide users the ability to cancel a subset (or all) of open orders across Executing Firm ID(s) ("EFID(s)"), Underlying symbol(s), or CustomGroupID(s), across multiple logical ports/sessions. See Securities Exchange Act Release 79956 (February 3, 2017), 82 FR 10102 (February 9, 2017) (SR-BatsBZX-2017-05). See also https://cdn.cboe.com/resources/membership /US_Options_BOE_Specification.pdf and https://cdn.cboe.com/resources/membership/US_Opti ons_FIX_Specification.pdf.

[6]   See Exchange Rule 21.1 (l)(3), definition of "bulk port." Bulk Ports provide users with the ability to submit and update multiple quote bids and offers in one message through logical ports enabled for bulk-quoting.

parameters satisfy port-level (i.e., pre-trade) risk controls, and where to send that message within the System (i.e., to which matching engine[7]). Once an order handler completes the processing of a message, it sends that message to the appropriate matching engine.

Historically, all order handlers connect to all matching engines. That is, under the BOEv2 and FIX protocols,[8] Members were able to access all symbols from a single logical port since each port corresponds to a single order handler that conveniently connects to all matching engines ("convenience layer"). Although the Exchange configures the software and hardware for its order handlers in the same manner, there can be a natural variance in the amount of time it takes individual order handlers to process messages of the same type under this architecture. Factors that contribute to this differentiation in processing times include the availability of shared resources (such as memory), which is impacted by (among other things) then-current message rates, the number of active symbols (i.e., classes), and recent messages for a symbol. This natural differentiation in processing times inherently may cause some messages to be sent from an order handler to a matching engine ahead of other messages that the Exchange's System may have received earlier on a different order handler.

The Exchange recently implemented a new architecture and protocol which includes, among other things, a single gateway per matching engine ("unitized layer"), which renders the above-described natural variance of order handler processing irrelevant

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[7]   A matching engine is a part of the Exchange's System that processes options quotes and trades on a symbol-by-symbol basis. Some matching engines will process option classes with multiple root symbols, and other matching engines will be dedicated to one single option root symbol (for example, options on SPY will be processed by one single matching engine that is dedicated only to SPY). A particular root symbol may only be assigned to a single designated matching engine. A particular root symbol may not be assigned to multiple matching engines.

[8]   The Exchange notes for clarity that while BOEv2 has been decommissioned, Members can still access the convenience layer through BOEv3 protocol.

for Members that connect to the unitized order handler.[9] More specifically, effective August 19, 2024, the Exchange implemented this new unitized access architecture and a new version of its Binary Order Entry (BOE) protocol[10] ("BOEv3"), which also resulted in the adoption of new logical port types ("Unitized Logical Ports"), for which the Exchange is now seeking to establish fees.[11] Under the new unitized BOEv3 architecture, a single BOEv3 order handler corresponds to a single matching engine and all message traffic (including FIX and BOEv3 convenience layer port traffic) [12] passes through this unitized BOEv3 order handler before reaching that order handler's corresponding matching engine.[13] If a Member desires to access this unitized layer of the BOEv3 architecture, the Member would need to obtain a Unitized Logical Port for each corresponding matching engine(s) that process the symbol(s) that Member desires to trade.[14]

BOEv3 Unitized Logical Ports provide an expedited processing path to a single matching engine over that of other inbound paths on a best-efforts basis. Under routine circumstances, the System will process pending purge messages from BOEv3 Unitized Logical Ports before processing other inbound paths. Exceptions to this approach exist

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[9]   See Securities Exchange Act Release 100582 (July 23, 2024), 89 FR 60958 (July 29, 2024) (SR-CboeBZX-2024-071).

[10] The BOE protocol is a proprietary order entry protocol used by Members to connect to the Exchange. The current version is BOEv3.

[11] See Securities Exchange Act Release No. 100582 (July 23, 2024) 89 FR 60958 (July 29, 2024) (SR-CboeBZX-2024-071).

[12] The Exchange decommissioned BOEv2 in March 2025.

[13] The Exchange notes that this improved infrastructure improves the prior noted natural variance in the amount of time it takes individual order handlers to process messages of the same type for all Members due to the improved infrastructure, even if a participant chooses to not utilize Unitized Logical Ports.

[14] Members will be able to purchase Unitized Logical Ports individually or may purchase a "set," which will provide the total number of ports needed to connect to each available matching engine.

with regard to various message traffic and rate controls that are incorporated into the BOEv3 architecture. To illustrate how BOEv3 processes inbound messages, consider the following simplified example: (1) process pending purge messages from BOEv3 Unitized Logical Ports; (2) process all other pending messages from BOEv3 Unitized Logical Ports; (3) process pending messages from convenience ports.

As noted above, to access the BOEv3 architecture a Member must obtain a Unitized Logical Port for each corresponding matching engine(s) that processes the symbol(s) the Member desires to trade. The three new port types that have been adopted are: (1) BOE Unitized Logical Ports,[15] (2) Bulk Unitized Logical Ports,[16] and (3) Purge Unitized Logical Ports[17] (collectively, "Unitized Logical Port"). With the exception of Exchange Options Market Makers[18] (hereinafter, "Market Makers") who may only quote via a BOE Bulk Unitized Logical Port,[19] use of the unitized architecture and purchase of

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[15]   Similar to the Exchange's preexisting Logical Ports, the new Unitized Logical Ports allow Members to submit orders and quotes.

[16]   Similar to the Exchange's preexisting Bulk Ports, the new Bulk Unitized Logical Ports allow Members to submit and update multiple quote bids and offers in one message and are particularly useful for Members that provide quotations in many different options.

[17]   Similar to the Exchange's preexisting Purge Ports, the new Purge Unitized Logical Ports are dedicated logical ports that provide the ability to cancel/purge all open orders, or a subset thereof, across multiple logical ports through a single cancel/purge message. They also solely process purge messages and are designed to assist Members, including Market Makers, in the management of, and risk control over, their orders and quotes, particularly if the Member is dealing with a large number of options.

[18]   The terms "Options Market-Maker" and "Market-Maker" mean an Options Member registered with the Exchange for the purpose of making markets in options contracts traded on the Exchange and that is vested with the rights and responsibilities specified in Chapter XXII of these Rules. See Chapter XVI. General Provisions – BZX Options, Rule 16.1 Definitions.

[19]   Market Makers may provide liquidity using either FIX, BOE convenience ports, BOE Unitized Logical Ports, or BOE Bulk Unitized sessions using either order or quote messages. Only the BOE Bulk Unitized sessions support the quote messages. BOE Bulk convenience sessions were not created due to lack of demand from MMs.

a Unitized Logical Port is completely voluntary, and Members (i.e., non-Market Makers) are not required, or under any regulatory obligation, to utilize them.

The Exchange proposes to establish fees for the new Unitized Logical Ports, which can be purchased on an individual basis (i.e., capable of accessing a specified matching engine ("Matching Unit"))[20] and/or as a set ("Unitized Logical Port Set") (i.e., will include the total number of ports needed to connect to each available Matching Unit). The proposed fees for Unitized Logical Ports purchased individually and as sets are as follows:

BOE Unitized Logical Port	$350/port/month
Bulk Unitized Logical Port	$550/port/month
Purge Unitized Logical Port	$400/port/month
BOE Unitized Logical Port (Set)	$2,500/month for 1st and 2nd port set $3,000/month for 3rd – 14th port set $3,500/month for 15th– 30th port set
Bulk Unitized Logical Port (Set)	$5,500/month for 1st and 2nd port set $6,000/month for 3rd – 14th port set $6,500/month for 15th– 30th port set
Purge Unitized Logical Port (Set)	$2,500/month for 1st and 2nd port set $3,000/month for 3rd – 14th port set $3,500/month for 15th– 30th port set

The proposed fees for Unitized Logical Port Sets are progressive. For example, if a User were to purchase 11 BOE Unitized Logical Port Sets, it will be charged a total of $32,000 per month ($2,500 * 2 + $3,000 * 9). As is the case today for existing logical ports, the monthly fees are assessed and applied in their entirety and are not prorated. The Exchange notes the current standard fees assessed for existing logical ports will remain

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[20]   The Exchange notes that it operates 32 separate matching units.

applicable and unchanged,[21] and Members are still able to purchase and utilize such ports if they choose to do so. The proposed fees for Unitized Logical Port Sets will be assessed per set, per Port Type. As an example, if a Member requests three BOE Unitized Logical Port Sets, one Bulk Unitized Logical Port Set, and one Purge Unitized Logical Port Set, the firm would be charged $8,000 ($2,500 + $2,500 + $3,000) for the three BOE Unitized Logical Port Sets, $5,500 for the one Bulk Unitized Logical Port Set, and $2,500 for the one Purge Unitized Logical Port Set.[22]

Since the Exchange has a finite amount of capacity, it also proposes to prescribe a maximum limit on the number of Unitized Logical Ports that may be purchased and used on a per Member, per Matching Unit basis. The purpose of establishing these limits is to manage the allotment of Unitized Logical Ports in a fair and reasonable manner while preventing the Exchange from being required to expend large amounts of resources in order to provide an unlimited capacity to its matching engines. The Exchange previously proposed to provide that the two structures (i.e., individual unitized ports or unitized port sets) can be combined for up to a maximum of 20 Unitized Logical Ports per Member, per Matching Unit, per type of Unitized Logical Port.[23] The Exchange noted at the time it adopted this maximum that it would continue monitoring interest by all Members and system capacity availability with the goal of increasing these limits to meet Members' needs if and when the demand is there and/or the Exchange is able to accommodate such

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[21]   For example, the Exchange currently assesses a monthly per port fee of $750 for Logical Ports and Purge Ports. It also assesses $1,500 per port month for the 1st and 2nd Bulk Ports and $2,500 for the 3rd or more Bulk Ports. See Cboe BZX Options Fee Schedule, Options Logical Port Fees.

[22]   The Exchange proposes to include this example in the Fee Schedule to provide further clarity as to the application of the proposed fees.

[23]   See Securities Exchange Act Release 101212 (September 27, 2024), 89 FR 80614 (October 3, 2024) (SR-CboeBZX-2024-088).

demand.[24] Since then, the Exchange has determined that it is able to accommodate an increased cap relative to current demand and available to the Exchange's matching engine and order handler capacity. As such, the Exchange proposes to increase the maximum to 30 Unitized Logical Ports per Member, per Matching Unit, per port type. As an example, a Member may request 12 BOE Unitized Logical Port Sets and 18 individual BOE Unitized Logical Ports for Matching Unit 1, providing a total max of 30 BOE Unitized Logical Ports on Matching Unit 1 specifically. This would result in having 30 BOE Unitized Logical Ports on Matching Unit 1 and 12 BOE Unitized Ports on all additional Matching Units as part of the 12 BOE Unitized Logical Port Sets requested. Additionally, a firm may request 30 Bulk Unitized Logical Port Sets and 30 Purge Unitized Logical Port Sets as those would constitute different port types.[25] The Exchange believes the proposed cap will be sufficient for the vast majority of Members, as the Exchange understands that at this time, no Member desires more than the current cap. The Exchange notes that it will continue to monitor interest in Unitized Logical Ports and system capacity availability with the goal of further increasing these limits to meet Members needs if and when the demand is there, and the Exchange is able to accommodate it. Additionally, Members will still be able to utilize the existing logical port connectivity offerings with no maximum limit in addition to their Unitized Logical

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[24]   Id.

[25]   The Exchange proposes to include this example in its Fee Schedule to provide clarity as to how Unitized Logical Port fees will be assessed. The Exchange further notes that in its prior filing (SR-CboeBZX-2025-016), it increased the cap to 30 and noted as such in its fee schedule; however, the Exchange will now include a clarifying update in its fee schedule to update the max tier amount from 20 to 30 for consistency and clarity.

Port allocation.[26] As further discussed below, the Exchange's pricing for these new

Unitized Logical Ports are less than or comparable to similar offerings from other

exchanges.[27]

Average Daily Quotes and Average Daily Order Fees

The Exchange also proposes to adopt Average Daily Order ("ADO") and Average

Daily Quote ("ADQ") fees. "ADO" represents the total number of orders for the month,

divided by the number of trading days. "ADQ" represents the total number of quotes for

the month, divided by the number of trading days. [28] When measuring a Member's ADO

orders and cancel/replace modify orders which submit a bid or offer and do not include

cancels, are included. To measure a Member's ADQ, quotes and quote updates which

submit a bid or offer and do not include cancels, are included. Further, ADO will include

orders submitted by a Member from all logical port types (i.e., non-unitized logical ports

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[26]   The Exchange notes that it does not support conversion of any one port type to another. Members and Market Makers would need to request new port and delete existing their port to transition from convenience ports to a Unitized Logical Port.

[27]   See MIAX Express Interface for Quoting and Trading Options, MEI Interface Specification, Section 1.2 (MEI Architecture) available at: MIAX_Express_Interface_MEI_v2.10a.pdf (miaxglobal.com) which indicates firms can connect directly to one or more matching engines depending on which symbols they wish to trade and states "MIAX trading architecture is highly scalable and consists of multiple trade matching environments (clouds). Each cloud handles trading for all options for a set of underlying instruments" and provides that "Market Maker firms can connect to one or more pre-assigned servers on each cloud. This will require the firm to connect to more than one cloud in order to quote in all underlying instruments they are approved to make markets in" See also MIAX Emerald Options Order Management Using FIX Protocol, FIX Interface Specification, available at https://www.miaxglobal.com/sites/default/files/page-files/FIX_Order_Interface_FOI_v2.6c.pdf. MIAX describes its FIX Order Interface Gateway as "a high-speed FIX Order Interface gateway [that] conveniently routes orders to our trading engines through a common entry point to our trading platform." See https://www.miaxglobal.com/markets/us-options/miax-options/interface-specifications.

[28]   The term "quote" refers to bids and offers submitted in bulk messages. A bulk message means a single electronic message a user submits with an M (Market-Maker) capacity to the Exchange in which the User may enter, modify, or cancel up to an Exchange-specified number of bids and offers. A User may submit a bulk message through a bulk port as set forth in Exchange Rule 21.1(l)(3). See Rule 16.1 (definition of bulk message).

and Unitized Logical Ports).[29] Each Member may submit up to 2,000,000 average daily orders or up to 250,000,000 average daily quotes per calendar month without incurring any ADO or ADQ fees, respectively. In the event that the average number of quotes per trading day during a calendar month submitted exceeds 250,000,000, each incremental usage of up to 20,000 average daily quotes will incur an additional fee as set forth in the table below. Similarly, in the event that the average number of orders per trading day during a calendar month submitted exceeds 2,000,000, each incremental usage of up to 1,000 average daily orders will incur an additional ADO fee as set forth in the table below. A Member's ADO and ADQ will be aggregated together with any affiliated Member sharing at least 75% common ownership.

ADQ Fee Rate per 20,000 ADQ	Fee				
	Tier 1 <= 250,000,000	Tier 2 > 250,000,000	Tier 3 >500,000,000	Tier 4 >1,000,000,000	Tier 5 >3,500,000,000
	$0.00	$0.05	$0.075	$0.10	$0.20
ADO Fee Rate per 1,000 ADO	Tier 1 <= 2,000,000	Tier 2 > 2,000,000	Tier 3 >2,500,000	Tier 4 >3,000,000	Tier 5 >3,500,000
	$0.00	$1.00	$1.50	$2.00	$2.50

As an example, a Member that has 510,000,000 ADQ would subsequently have 25,500 "ADQ increments" (510,000,000 ADQ / 20,000 ADQ increments). While 12,500 of the 25,500 ADQ increments are free within Tier 1, 12,500 of the ADQ increments would be fee liable at $0.050 within Tier 2, while the remaining 500 ADQ increments

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[29] As previously noted above, only quotes may be placed via Unitized Bulk Ports, as such, only Unitized Ports are used to determine a Member's ADQ.

would be fee liable at $.075 within Tier 3, resulting in a total ADQ fee of $662.50 for that month.[30]

The Exchange notes that market participants with incrementally higher ADO or ADQ are likely to require more of the Exchange's Trading System resources, bandwidth, and capacity. In this regard, higher ADO or ADQ may, in turn, create System latency and potentially impact other Members' ability to receive timelier executions. The proposed fee structure has multiple thresholds, and the proposed fees are incrementally greater at higher ADO and ADQ rates because the potential impact on Exchange Systems, bandwidth, and capacity becomes greater with increased ADO and ADQ rates. As noted above, the proposal contemplates that a Member would have to exceed the high ADO rate of 2,000,000 and a Member would have to exceed the high ADQ rate of 250,000,000 before that market participant would be charged a fee under the proposed respective tiers. The Exchange believes that it is in the interests of all Members and market participants who access the Exchange to not allow other market participants to strain System resources, but rather encourage efficient usage of network capacity. The Exchange also believes this proposal (and in particular the proposed incrementally higher fee amounts associated with higher ADO and ADQ) will help to moderate excessive order/quote and trade activity from Members that may require the Exchange to otherwise increase its storage capacity and will encourage such activity to be submitted in good faith for legitimate purposes.

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[30]   The Exchange proposes to include this example in the Fees Schedule to provide further clarity as to the application of the proposed fees.

The Exchange also represents that the proposed fees are not intended to raise profits; rather, as noted above, it is intended to encourage efficient behavior so that market participants do not exhaust System resources. Moreover, the Exchange provides Members with daily reports, free of charge, which details their order and trade activity in order for those firms to be fully aware of all order and trade activity they (and their affiliates) are sending to the Exchange. This will allow Members to monitor their behavior and determine whether it is approaching any of the ADO or ADQ thresholds that trigger the proposed fees.

Lastly, the Exchange notes that other exchanges have adopted various fee programs that assess incrementally higher fees to Members that have incrementally higher order and/or quoting trading activity for similar reasons.[31]

(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.[32] Specifically, the Exchange believes the proposed rule change is consistent with the Section 6(b)(5)[33] requirements that the rules of an exchange be designed to prevent

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[31]   See, e.g., Securities Exchange Act Release No. 60102 (June 11, 2009), 74 FR 29251 (June 19, 2009) (SR-NYSEArca-2009-50) (adopting fees applicable to Members based on the number of orders entered compared to the number of executions received in a calendar month). It appears that Nasdaq similarly assesses a penalty charge to its members that exceed certain "weighted order-to-trade ratios". See *Price List—Trading Connectivity,* NASDAQ, *available at* *https://www.nasdaqtrader.com/trader.aspx?id=pricelisttrading2*. See also Securities Exchange Act Release No. 91406 (March 25, 2021), 86 FR 16795 (March 31, 2023) (SR-EMERALD-2021-10) (adopting an "Excessive Quoting Fee" to ensure that Market Makers do not over utilize the exchange's System by sending messages to the MIAX Emerald, to the detriment of all other Members of the exchange).

[32]   15 U.S.C. 78f(b).

[33]   15 U.S.C. 78f(b)(5).

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)[34] requirement that the rules of an exchange not be designed to permit

unfair discrimination between customers, issuers, brokers, or dealers. The Exchange also

believes the proposed rule change is consistent with Section 6(b)(4)[35] of the Act, which

requires that Exchange rules provide for the equitable allocation of reasonable dues, fees,

and other charges among its Members and other persons using its facilities.

The Exchange believes the proposed fees are reasonable because Unitized Logical

Ports provide a valuable service in that Unitized Logical Ports are intended to create a

more consistent, and more deterministic experience for messages once received within

the Exchange's System under the recently adopted unitized BOEv3 architecture. As

discussed above, the new architecture (and thereby the new Unitized Logical Ports) was

designed to create a more consistent and more deterministic experience for messages

once received within the System, which the Exchange believes improves the overall

access experience on the Exchange and will enable future system enhancements. As

noted, the BOEv3 protocol and architecture, along with the three new corresponding

Unitized Logical Ports, are intended to reduce the natural variance of order handler

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[34]   Id.

[35]   15 U.S.C. 78f(b)(4).

processing times for messages, and as a result reduce the potential resulting "reordering"

of messages when they are sent from order handlers to matching engines. The adoption of

the unitized BOEv3 structure (including the corresponding new Unitized Ports) was a

technical solution that is intended to reduce the potential of this reordering and increase

determinism.[36] The Exchange believes the proposed fees are also reasonable to offset

costs incurred in order to build out an entirely new unitized architecture.

Furthermore, the Exchange also notes that it believes the proposed fees are similar

to or less than fees assessed by other exchanges, for analogous connections as explained

in further detail below.[37] The Exchange notes that other exchanges that offer similar

pricing for similar connections have a comparable, or even lower, market share as the

Exchange, as also detailed further below. Indeed, the Exchange has reviewed the U.S.

options market share for each of the eighteen options markets utilizing total options

contracts traded year-to-date as of the end of June 2025, as set forth in the following

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[36]   See Securities Exchange Act Release 100582 (July 23, 2024), 89 FR 60958 (July 29, 2024) (SR-CboeBZX-2024-071).

[37]   See e.g. MIAX Pearl Options Fee Schedule.

graph:[38]

Multi-list Options Market Share – YTD 2025
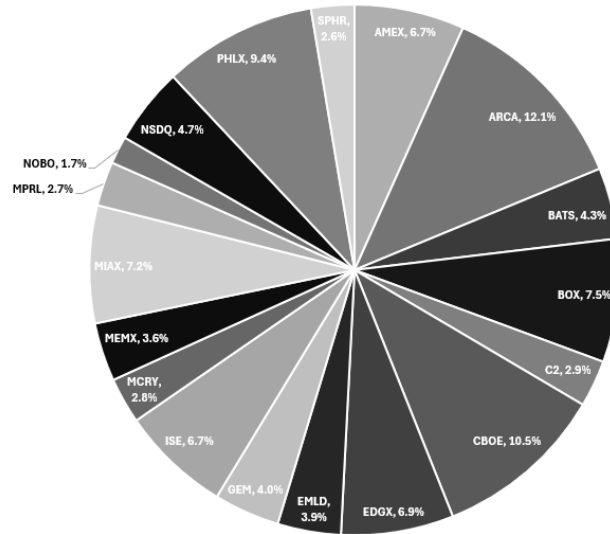
The Exchange (market share of 4.30%) notes that the proposed Purge Unitized Logical Port fee of $400 to connect to a matching engine is lower than fees charged by at least two other exchanges with comparable (indeed, even lower) market share, particularly by MIAX Emerald (3.90% market share) and MIAX Pearl (2.7% market share). The Exchange does note that both MIAX Emerald and MIAX Pearl offer two purge ports for a matching engine connection at a cost of $600,[39] while the Exchange offers the primary Purge Unitized Logical Port as well as a secondary Purge Unitized Logical Port for its redundant secondary data center ports for $400. The Exchange

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[38]   Market share is the percentage of volume on a particular exchange relative to the total volume across all exchanges, and indicates the amount of order flow directed to that exchange. High levels of market share enhance the value of trading and ports. Total contracts include both multi-list options and proprietary options products. Proprietary options products are products with intellectual property rights that are not multi-listed. The Exchange does not currently list proprietary products.

[39]   See e.g., MIAX Emerald Options Fee Schedule.

believes that the bulk of the value customers derive is not within the quantity of Purge

Unitized Logical Ports a Member purchases, but the ability to connect to the specific

matching engine.[40] For instance, a Member may need to purchase several convenience

ports to minimize the natural variance of order handler processing times for messages,

but by comparison the same Member may only need to purchase a single Unitized

Logical Port to achieve the same results. For this reason, the Exchange still believes it is

better priced than MIAX Emerald's and MIAX Pearl's comparable offerings.

Furthermore, even when comparing the costs of purchasing Purge Unitized

Logical Ports to connect to all matching engines, the Exchange still assesses a lower fee

than MIAX Pearl or MIAX Emerald. Connecting to all matching engines on MIAX

Emerald or MIAX Pearl would cost $7,200, while connecting to all matching engines on

BZX Options costs $2,500.[41] As noted above, while the Exchange believes the bulk of

the value customers derive is the ability to connect to specific matching engines, and in

this case, all matching engines, if a customer did want to have two Purge Unitized

Logical Ports for all matching engines (in addition to the included secondary purge ports

provided), it would cost the participant $5,000 ($2,500/set x 2) – still lower than the cost

of $7,200 for two purge ports for all matching engines that MIAX Emerald and MIAX

Pearl offer.

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[40]   Due to the higher performance that offers higher throughput with more deterministic outcomes for participants, the revised architecture leads to a decreased demand in ports generally.

[41]   The pricing amounts for MIAX Pearl and MIAX Emerald are based off of $600 per Purge Port fee per matching engine with a total of 12 matching engines (see MIAX Pearl Options - Reminder of rebalancing of the symbol distribution across Trade Matching Environments (Clouds) effective for Trading on May 12, 2025 | MIAX and MIAX Emerald Options Rebalancing of the symbol distribution across Trade Matching Environments (Clouds) effective for Trading on April 14, 2025 | MIAX). While the pricing for BZX Options is based on connecting to all Matching Engines by purchasing a set.

While not as closely comparable, MIAX Emerald and MIAX Pearl both offer Full Service MEI Ports (analogous to the Exchange's Bulk Port offering) and Limited Service MEI Ports (analogous to the Exchange's BOE Port offering) that are based on the lesser of a participant's per class basis or percentage of total national average daily volume measurement. For each matching engine a participant connects to (based on their activity), they receive two Full Service MEI Ports and four Limited Service MEI Ports.[42] Based on publicly available information, MEI ports provide market makers direct connections to each matching engine for high-speed mass quoting.[43] A Full Service MEI Ports support all input message types, and Limited Service MEI Ports support all message types except bulk quotes.

Notably, MIAX Emerald and MIAX Pearl offer their Full Service MEI Ports and Limited Service MEI Ports only to market makers on those respective exchanges, and non-market maker members are not permitted to purchase MEI connections. As such, when comparing the Unitized Logical Port fees assessed to Market Makers by the Exchange to the Full Service MEI and Limited Service MEI Ports assessed to market makers by MIAX Emerald and MIAX Pearl, the Exchange believes that its proposed fee for Unitized Logical Ports is reasonable and justified by the value derived by Options Market Makers purchasing these connections in being able to connect directly to a certain matching engine.

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[42]   See e.g., MIAX Pearl Options Fee Schedule.

[43]   See MIAX Emerald Options Exchange, Market Access – MIAX Express Interface, at 2, available at: https://www.miaxglobal.com/sites/default/files/website_file-files/MIAX_Emerald_Fact_Sheet_03272019.pdf.

Specifically, presuming a participant is quoting up to 10 classes for MIAX Pearl

or 5 classes for MIAX Emerald (the lowest available tier for each exchange), they are

connecting to fewer matching engines than another participant who may be quoting over

100 classes (the highest tier available for both MIAX Pearl and MIAX Emerald). In

comparing the monthly cost using the pricing of the lowest tiers for MIAX Pearl and

MIAX Emerald, the Exchange presumes an estimated comparable connection of

connecting to 3 different matching engines at a cost of $550 per Bulk Port per matching

engine and $350 per BOE Port per matching engine.[44] This equates to $7,500 (($350*4

Ports *3 matching engines) + ($550 * 2 Ports * 3 matching engines) per month for BZX

Options, and $5,000 per month for both MIAX Pearl and Emerald. For the highest tier,

the Exchange presumes that if a participant was quoting over 100 classes, they are likely

connecting to all matching engines. In this case, it costs a participant $12,000 per month

for MIAX Pearl, $20,500 per month for MIAX Emerald, and $22,000 ($5,500 *2 Bulk

Sets) + ($2,500 * 2 BOE Sets (Tier 1)) + ($3,000 * 2 BOE Sets (Tier 2)) per month for

BZX Options to connect to all matching engines.

While the Exchange is priced higher in these specific examples, it again believes

the value comes from the ability to connect to additional matching engines as opposed to

the quantity of ports itself and participants of the Exchange are able to determine their

number of desired ports as opposed to having a set package based on their Exchange

activity. For example, a participant of BZX Options can have similar matching engine

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[44]   The Exchange notes that, based on publicly available information from MIAX Emerald and MIAX
        Pearl, a definitive comparison is not feasible. Rather, the Exchange could only reasonably infer
        that using the lowest tier for each of MIAX Emerald and MIAX Pearl *may* reasonably equate to
        connecting to 3 Exchange matching engines. The Exchange deduced that 3 Exchange matching
        engines *may* be a relevant comparison given the number of quoting symbols quoted per Exchange
        matching engine.

connectivity to the lowest tier of MIAX Emerald or MIAX Pearl by connecting to three

matching engines (using the same presumed number as above) by purchasing three Bulk

Ports for a cost of $1,650 per month, substantially less than the fixed costs of $5,000 per

month of MIAX Emerald and MIAX Pearl. Additionally, a participant on BZX Options is

able to connect to all matching engines for a price of $5,500 per month by purchasing a

Bulk Set as opposed to the fixed cost of MIAX Emerald and MIAX Pearl at $20,000 per

month and $12,000 per month, respectively. Furthermore, MIAX Emerald does allow

participants to purchase additional Limited Service ports at a price of $420 per month,

higher than the Exchange's comparable offering of $350 per month for a BOE port.

While it is challenging to compare the exact pricing on these products, the Exchange

believes that it is priced comparably, if not lower than MIAX Pearl and MIAX Emerald.

The Exchange acknowledges that the above comparability analysis does not

consider the fees assessed to non-Options Market Makers on the Exchange relative to

non-market makers on MIAX Emerald or MIAX Pearl. This is due, however, to the fact

that MIAX Emerald and MIAX Pearl do not permit non-market makers to purchase MEI

ports (the closest comparable product to BZX's Unitized Logical Ports). Presumably,

MIAX Emerald and MIAX Pearl limit such participants to use of only MIAX's FIX

ports. Importantly, unlike MIAX Emerald and MIAX Pearl, the Exchange permits its

Members (i.e., non-Market Makers) to purchase a Unitized Logical Port, should such

Member deem the use of such connection to be beneficial to their trading strategy.

Additionally, Members (i.e., non-Market Makers) may instead elect to purchase

Exchange BOE convenience or FIX Ports, or a combination of Unitized Logical Ports,

BOE convenience and FIX ports. Furthermore, Members and Market Makers are free to

choose to purchase Unitized Logical Ports in sets or by individual ports (dependent on the firm's matching engine needs, which may be based on products it trades, strategies, or other business needs). As such, the Exchange's offering is both more widely available and provides Members and Market Makers with more flexibility and customization in contrast to MIAX's strict matching engine connectivity based on the classes a Market Maker is quoting in and its rigid fee structure.

As an additional point of comparison for non-market makers, the Exchange notes the FIX port fees it charges it Members, relative to those charged by MIAX Emerald and MIAX Pearl for their non-market maker members.[45] Specifically, the Exchange charges its Members $750 per month, per convenience port (which may be FIX or BOE). MIAX Emerald[46] utilizes a progressive fee schedule for its FIX ports and charges its members a fee of $550 per month, per port, for the first FIX port; $350 per month, per port, for ports two through five; and $150 per month, per port, for each FIX port above five. MIAX Pearl[47] also utilizes a progressive fee schedule for its FIX ports, and charges its members $275 per month, per port, for the first FIX port; $175 per month, per port, for FIX ports two through five; and $75 per month, per port, for each sixth or more FIX port. While purchasing six FIX ports on the Exchange ($4500)[48] would cost more than purchasing six FIX ports on MIAX Emerald ($3100)[49] or MIAX Pearl ($1225),[50] the Exchange again

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[45]   For the sake of clarity, the Exchange notes that Options Market Makers are also permitted to purchase convenience ports (which may be FIX or BOE).

[46]   Supra note 38.

[47]   Supra note 36.

[48] $750*6 = $4500

[49] $750 + $550 + $550 + $550 + $550 + $550 + $150 = $3100

[50] $275 + $175 + $175 + $715 + $175 + $715 + $75 = $1225

notes that its Members are, unlike MIAX Emerald and MIAX Pearl members, permitted

to purchase BOE ports, FIX ports, or Unitized Logical Ports, or a combination of the

three, depending on their needs and strategy. In this regard, unlike MIAX Emerald and

MIAX Pearl the Exchange's Unitized Logical Port solution and its related benefits are

available to *all* Members, and at a lower cost than that assessed to Members for a single

FIX port ($750 for one FIX port, per month vs. $350 for one BOE Unitized Logical Port).

Therefore, while FIX ports on the Exchange are more expensive than those on MIAX

Emerald and MIAX Pearl, the Exchange's port offerings as a whole provide Members

and Market Makers with more flexibility in how to manage their Exchange access and

better configure their connectivity costs based on their needs The Exchange also

emphasizes that the use of the Unitized Logical Ports is not necessary for trading on the

Exchange and, as noted above, is entirely optional (other than Market Makers which must

utilize a Unitized Logical Port for quoting). The Exchange notes the following usage

stats, current as of September 25, 2025:

- Convenience Ports (FIX or BOEv3)

    o 57% of Members still utilize a convenience layer port (FIX or BOEv3), in
      addition to or in lieu of Unitized Ports. On average, Market Makers utilize
      44 convenience ports.

- BOEv3 Unitized Logical Port

    o Market Makers constitute 71% of all BOEv3 Unitized Logical Port usage,
      compared to 29% of Members (i.e., non-Market Makers).

- o Market Makers constitute 70% of all BOEv3 Unitized Logical Port sets usage, while Members (i.e., non-Market Makers) constitute 30% of BOEv3 Unitized Logical Port sets usage.

- BOEv3 Unitized Logical Purge Port

  - o Market Makers constitute 100% of all BOEv3 Unitized Logical Purge Port usage, and 100% of BOEv3 Unitized Logical Purge Port set usage.

- BOEv3 Unitized Logical Bulk Port

  - o Market Makers constitute 99% of all BOEv3 Unitized Logical Bulk Port Usage, while Members (i.e., non-Market Makers) constitute 1%.

  - o Market Makers constitute 99% of all BOEv3 Unitized Logical Bulk Port set usage, while Members (i.e., non-Market Makers) constitute 1% of BOEv3 Unitized Logical Bulk Port set usage.

The Exchange believes that the above statistics demonstrate that the use of Unitized Logical Ports and their associated fees are not mandatory per se. Indeed, Market Makers and Members alike are free to continue to utilize convenience ports for their message traffic as they best see fit, and may continue to access the Exchange through existing logical port offerings at existing rates. The Exchange believes that it is a Member's specific business needs that will drive its decision whether to use Unitized Logical Ports in lieu of, or in addition to, existing logical ports (or, as emphasized, not use them at all). If a Member finds little benefit in having these ports based on its business model and trading strategies, or determines the Unitized Logical ports are not cost-efficient for its needs, or does not provide sufficient value to the firm, such Member may continue connecting to the Exchange in the manner it does today, unchanged.

Moreover, the Exchange believes that providing Members the option of purchasing

Unitized Logical Ports individually or in sets provides Members further flexibility and an

opportunity for cost savings for those Members that wish to only trade a subset of classes.

The Exchange has seen firms take advantage of individually priced Unitized Logical

Ports when their needs do not require connectivity to all matching engines – further

allowing its Members to pay reduced fees relative to a Unitized Logical Port set.

Furthermore, the Exchange notes that undertaking a technological innovation,

such as offering a new connectivity option for Members (of which, 57% still utilize at

least one FIX or BOEv3 Port through the convenience layer), requires costs and resource

allocation. In fact, as the Exchange previously noted, such innovation has improved the

infrastructure for all Members of the Exchange. Such innovation is a part of what allows

the Exchange to continue to provide access to markets in times of heightened volatility

with zero downtime. The new Chairman of the Securities Exchange Commission, Paul

Atkins, even recently heighted the importance of innovation by stating "…we are getting

back to our roots of promoting, rather than stifling, innovation. The markets innovate,

and the SEC should not be in the business of telling them to stand still."[51] In order for

exchanges to continue to provide greater options through technological innovation and, in

turn, work to improve the resiliency of markets, exchanges must have reasonable

certainty around their ability to set fees.

The Exchange also believes that the proposed Unitized Logical Port fees are

equitable and not unfairly discriminatory because they continue to be assessed uniformly

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[51] See Chairman Atkins "Prepared remarks before SEC Speaks," May 19, 2025, available at:
https://www.sec.gov/newsroom/speeches-statements/atkins-prepared-remarks-sec-speaks-051925.

to similarly situated users in that all Members who choose to purchase Unitized Logical Ports will be subject to the same proposed tiered fee schedule. Moreover, Members purchasing Unitized Logical Ports will only do so if they find a benefit and sufficient value in such ports as all Members can otherwise continue to use the preexisting logical connectivity options.[52] As such, Members can choose whether to purchase Unitized Logical Ports based on their respective business needs.

The proposed ascending tier structure for Unitized Logical Port Sets is reasonable, equitable and not unfairly discriminatory as it is designed to encourage market participants to be efficient with their respective Unitized Logical Port usage. It also is designed so that Members that use a higher allotment of the Exchange's system resources pay higher rates, rather than placing that burden on market participants that have more modest needs. The Exchange believes the proposed ascending fee structure is therefore another appropriate means, in conjunction with an established Unitized Logical Port limit, to manage this finite resource (system capacity) and ensure it is apportioned fairly.

In contrast, MIAX's structure limits its offering to a specific subset of participants, Market Makers, and allocates its ports based on quoting. In contrast, the Exchange and its participants are free to utilize this product at their required level of consumption. Furthermore, the Exchange already assesses higher fees to those that consume more Exchange resources for the existing non-Unitized Bulk Ports.[53] The proposed limit on Unitized Logical Ports is also reasonable, equitable and not unfairly

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[52]   The Exchange notes that Market Makers are required to purchase and utilize a Unitized Logical Port for their quoting activity.

[53]   See Cboe U.S. Options Fees Schedule, BZX Options, Options Logical Port Fees, Ports with Bulk Quoting Capabilities.

discriminatory as the Exchange believes that it is in the interests of all Members and market participants who access the Exchange to not allow Members to exhaust System resources, but to encourage efficient usage of network capacity. The Exchange also notes that the new BOEv3 unitized architecture is subject to software limitations on the number of sessions that can be created on any one unitized process. Consideration was given to this limitation as well as to the amount of ports firms had indicated they would need prior to the implementation of Unitized Logical Ports.

The Exchange believes the proposed ADO and ADQ fees are reasonable as Members that do not exceed the high thresholds of 2,000,000 ADO and 250,000,000 ADQ will not be charged any fee under the proposed tiers. The Exchange notes that in establishing the proposed thresholds, it evaluated average ADO and ADQ rates over several months and the thresholds were designed to protect the Exchange's Matching Engines from being adversely impacted from sustained and excessive orders/quotes throughout the course of a given month. Further, the Exchange considered the highest levels of ADO and ADQ rates amongst firms and from there, reviewed what would be considered an unreasonable threshold even at the highest levels. The ADQ thresholds are also designed to ensure Market Makers quoting activity, which acts as an important source of liquidity, is not impeded by the proposal.[54] In fact, when setting these thresholds, the Exchange reviewed to ensure that these levels would not prohibit Market Makers from meetings quoting obligations.

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[54]   Since the implementation of the proposal on September 3, 2024, the Exchange notes that it has not received any feedback from Market Maker participants that the proposal has impeded their ability to meet their quoting obligations.

The Exchange also believes it is reasonable, equitable and not unfairly discriminatory to assess higher fees when a Member has higher ADO and ADQ rates because the potential impact on exchange systems, bandwidth and capacity becomes greater with increased ADO and ADQ rates. In this regard, the fees are designed to apply only to those Members whose message traffic is noticeably beyond the proposed ADO and ADQ rates. In particular, the proposed fee amounts that correspond to higher ADO and ADQ rates are designed to incentivize Members to reduce excessive order and quoting trade activity that the Exchange believes can be detrimental to all market participants at those levels and encourage such activity to be made in good faith and for legitimate purposes. As of the end of August 2025, the Exchange notes that all but one Member fell within the proposed ADO Tier 1, resulting in that one single Member being assessed additional ADO fees. With regards to ADQ, 9 Members fell into Tier 1 and were not assessed any additional ADQ fees. Additionally, 4 Members fell into Tier 2, 2 Members fell into Tier 3, 2 Members fell into Tier 4, and 1 Member fell into Tier 5, and were assessed related ADQ fees.[55]

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[55] The Exchange notes that a Member's ADO and ADQ rates will naturally vary based on options trading volume on the Exchange. In its initial filing the Exchange noted that while it could not predict with certainty any Member's actual ADO and ADQ rates, that it believed approximately 74% of Members would fall into Tier 1, and the remaining 26% would fall outside of Tier 1. In this filing, the stated ADO and ADQ rates are from August 2025, and represent that approximately 50% of Members fell out of Tier 1. While this percentage is greater than the 26% of Members noted in the Exchange's initial filing, the Exchange notes that average daily volume ("ADV") in August 2025 across Cboe's four U.S. options exchange was at an all-time high of 19.2 million contracts, comprised of: record multi-listed options ADV of 14.3 millions contracts, which surpassed the ADV record of 13.6 million contracts set in February 2025; and S&P 500 Index (SPX) options ADV of 3.8 million contracts, the second-best month of all time, with zero-days-to-expiry (0DTE) trading representing a record ADV of 2.4 million contracts. See "Cboe Global Markets Reports Trading Volume for August 2025," available at: https://ir.cboe.com/news/news-details/2025/Cboe-Global-Markets-Reports-Trading-Volume-for-August-2025/default.aspx#:~:text=Record%20multi%2Dlisted%20options%20ADV,ADV%20of%202.4%20million%20contracts.

Importantly, as noted above, the Exchange believes that it is in the interests of all Members and market participants who access the Exchange to not allow Members to exhaust System resources, but to encourage efficient usage of network capacity. The Exchange therefore also believes that the proposed fees are one method of facilitating the Commission's goal of ensuring that critical market infrastructure has "levels of capacity, integrity, resiliency, availability, and security adequate to maintain their operational capability and promote the maintenance of fair and orderly markets."[56] Furthermore, the Exchange believes adopting the proposed ADO and ADQ fees are reasonable as unfettered usage of System capacity and network resource consumption can have a detrimental effect on all market participants who access and use the Exchange. As discussed above, high ADO and ADQ rates may adversely impact system resources, bandwidth, and capacity which may, in turn, create latency and impact other Members' ability to receive timely executions.

Moreover, the Exchange believes that the proposed ADO and ADQ fees are equitable and not unfairly discriminatory because they will be assessed uniformly to similarly situated users in that all Members that exceed the thresholds in connection with ADO and ADQ will be assessed the proposed ADO and ADQ rates. Regarding ADO and ADQ, no market participant is assessed any fees unless it exceeds the proposed thresholds. The Exchange also believes it is equitable and not unfairly discriminatory to assess incrementally higher fees to Members that have higher ADO and ADQ rates

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[56] See Securities Exchange Act Release No. 73639 (November 19, 2014), 79 FR 72251 (December 5, 2014) (File No. S7-01-13) (Regulation SCI Adopting Release).

because the potential impact on exchange systems, bandwidth and capacity becomes greater with increased ADO and ADQ.

Furthermore, the Exchange believes it is equitable and not unfairly discriminatory to aggregate Members trading activity with any affiliated Member sharing at least 75% common ownership[57] in order to prevent members from shifting their order flow or quoting activity to other affiliates in order to circumvent the ADO and ADQ thresholds.

The Exchange lastly believes that its proposal is reasonable, equitably allocated and not unfairly discriminatory because it is not intended to raise revenue for the Exchange; rather, it is intended to encourage efficient behavior so that Members do not exhaust System resources. Moreover, as noted above, competing options exchanges similarly assess fees to deter Members from over utilizing their respective systems by having excessive order and/or quoting trading activity.[58]

Finally, the Exchange notes that it operates in a highly competitive market in which market participants can readily direct order flow to competing venues if they deem fee levels at a particular venue to be excessive or incentives to be insufficient. The Exchange is only one of 18 options exchanges which market participants may direct their

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[57] The Exchange notes that its usage of 75% of common ownership is standard practice and utilized by the Exchange's affiliated exchanges. For instance, Cboe EDGX Exchange, Inc. options Market Maker Order-to-Trade Ratio fees provide that Order-to-Trade Ratio fees will apply only to participants registered as Market Makers on EDGX Options. The Order-to-Trade ratio will be calculated monthly based on the total number of orders (including messages to modify orders) submitted to EDGX Options, regardless of capacity, divided by the total number of trades occurring on orders. The calculation of the ration will not include quotes or trades resulting from such quotes. A Market Maker's order flow will be aggregated together with any affiliated Members *sharing at least 75% common ownership.*" See Cboe U.S. Options Fee Schedule, EDGX Options, available at: https://www.cboe.com/us/options/membership/fee_schedule/edgx/; see also Nasdaq BX Options 7 Pricing Schedule, "The term "Common Ownership" shall mean participants under 75% common ownership or control…," available at: https://listingcenter.nasdaq.com/rulebook/bx/rules/bx-options-7.

[58] See supra note 30.

order flow and/or participate on, and it represents a small percentage of the overall market.[59] When determining reasonable prices, the Exchange must ensure these are competitive prices in order to maintain market share, as uncompetitive pricing, or prices that Members deem to be excessive, can lead Members to take their order flow to other exchanges.

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

The Exchange does not believe that the proposed rule change to adopt fees for Unitized Logical Ports will impose any burden on intramarket competition that is not necessary in furtherance of the purposes of the Act because the proposed fees for will apply equally to all similarly situated Members. As discussed above, Unitized Logical Ports are optional[60] and Members may choose to utilize Unitized Logical Ports or not, based on their views of the additional benefits and added value provided by these ports. The Exchange believes the proposed fees will be assessed proportionately to the potential value or benefit received by Members with a greater number of Unitized Logical Ports and notes that Members may determine to cease using Unitized Logical Ports should they determine that they are no longer receiving value from these ports. As discussed, Members can also continue to access the Exchange through existing Logical Ports, which fees are not changing. Moreover, while the NYSE Arca Marketplace ("Arca") and Nasdaq Stock Market, LLC ("Nasdaq") do not have offerings directly comparable to Unitized Logical Ports, the Exchange notes that Arca's and Nasdaq's port fees are higher

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[59] See Cboe Global Markets, U.S. Options Market Volume Summary, Month-to-Date (August 27, 2024), available at https://www.cboe.com/us/options/market_statistics/ which reflects the Exchange representing only 3.3% of total market share.

[60] The Exchange notes that while use of Unitized Logical Ports is optional, Market Makers are required to utilized a Unitized Logical Port of their quoting activity.

than those of the Exchange. Specifically, the Exchange notes that Arca charges a fee of $621 per quoting/order entry port,[61] and Nasdaq assess its members a fee of $575 per FIX order entry port.[62] In both cases, Arca and Nasdaq's port fees are more expensive than the proposed fees for a single BOE Unitized Logical Port ($350/port/month), a single Bulk Unitized Logical Port ($550/port/month), and a single Purge Unitized Logical Port ($400/port/month).

Similarly, the Exchange does not believe that the proposed rule change to adopt ADO and ADQ fees will impose any burden on intramarket competition that is not necessary in furtherance of the purposes of the Act because such fees will apply equally to all similarly situated Members. Particularly, the proposed fees apply uniformly to all Members, in that any Member who exceeds the ADO and/or ADQ Tier 1 thresholds will be subject to a fee under the proposed corresponding tiers. The Exchange believes that the proposed change neither favors nor penalizes one or more categories of market participants in a manner that would impose an undue burden on competition. Rather, the proposal seeks to benefit all market participants by encouraging the efficient utilization of the Exchange's network while taking into account the important liquidity provided by its Members. As discussed above potential impact on exchange systems, bandwidth, and capacity becomes greater with increased ADO and ADQ rates. Accordingly, the Exchange believes that the proposed ADO and ADQ fees do not favor certain categories of market participants in a manner that would impose a burden on competition.

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61   See NYSE Arca Fees and Charges "Connectivity Fees," available at: https://www.nyse.com /publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf.

62   See "Price List - Trading Connectivity," available at: https://nasdaqtrader.com/Trader.aspx?id= PriceListTrading2.

Next, the Exchange believes the proposed rule change does not impose any

burden on intermarket competition that is not necessary or appropriate in furtherance of

the purposes of the Act. As previously discussed, the Exchange operates in a highly

competitive market, including competition for order flow. Market Participants have

numerous alternative venues that they may participate on, including 17 other options

exchanges (including 3 other Cboe-affiliated options exchanges), as well as off-exchange

venues, where competitive products are available for trading. Indeed, participants can

readily choose to submit their order flow to other exchange and off-exchange venues if

they deem fee levels at those other venues to be more favorable. Moreover, the

Commission has repeatedly expressed its preference for competition over regulatory

intervention in determining prices, products, and services in the securities markets.

Specifically, in Regulation NMS, the Commission highlighted the importance of market

forces in determining prices and SRO revenues and, also, recognized that current

regulation of the market system "has been remarkably successful in promoting market

competition in its broader forms that are most important to investors and listed

companies."[63] The fact that this market is competitive has also long been recognized by

the courts. In NetCoalition v. Securities and Exchange Commission, the D.C. Circuit

stated as follows: "[n]o one disputes that competition for order flow is 'fierce.' … As the

SEC explained, '[i]n the U.S. national market system, buyers and sellers of securities, and

the broker-dealers that act as their order-routing agents, have a wide range of choices of

where to route orders for execution'; [and] 'no exchange can afford to take its market

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[63]   See Securities Exchange Act Release No. 51808 (June 9, 2005), 70 FR 37496, 37499 (June 29, 2005).

share percentages for granted' because 'no exchange possesses a monopoly, regulatory or otherwise, in the execution of order flow from broker dealers'….".[64] Accordingly, the Exchange does not believe its proposed change imposes any burden on competition that is not necessary or appropriate in furtherance of the purposes of the Act.

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**

Not applicable.

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)**

(a)   The proposed rule change is filed for immediate effectiveness pursuant to Section 19(b)(3)(A) of the Act[65] and Rule 19b-4(f)(2)[66] thereunder.

(b)   The Exchange designates that the proposed rule change establishes or changes a due, fee, or other charge imposed by the Exchange, which renders the proposed rule change effective upon filing with the Securities and Exchange Commission (the "Commission"). At any time within 60 days of the filing of this 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

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[64]   NetCoalition v. SEC, 615 F.3d 525, 539 (D.C. Cir. 2010) (quoting Securities Exchange Act Release No. 59039 (December 2, 2008), 73 FR 74770, 74782-83 (December 9, 2008) (SR-NYSEArca-2006-21)).

[65]   15 U.S.C. 78s(b)(3)(A).

[66]   17 CFR 240.19b-4(f)(2).

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.

   (c) Not applicable.

   (d) Not applicable.

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

   The proposed rule change is not based on a rule either of another self-regulatory

organization or of the Commission.

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-CboeBZX-2026-011]

[Insert date]

Self-Regulatory Organizations; Cboe BZX Exchange, Inc.; Notice of Filing and Immediate Effectiveness of a Proposed Rule Change to Adopt Fees for New Logical Ports in Connection with a New Connectivity Offering on its Equity Options Platform

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 BZX

Exchange, Inc. (the "Exchange" or "BZX") 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 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 BZX Exchange, Inc. (the "Exchange" or "BZX") proposes to adopt fees for

new logical ports in connection with a new connectivity offering on its equity options

platform. The text of the proposed rule change is provided in Exhibit 5.

The text of the proposed rule change is also available on the Commission's website

(https://www.sec.gov/rules/sro.shtml), the Exchange's website

(https://www.cboe.com/us/equities/regulation/rule_filings/bzx/), and at the principal office

of the Exchange.

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[1]   15 U.S.C. 78s(b)(1).

[2]   17 CFR 240.19b-4.

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 Exchange proposes to amend its fee schedule to adopt fees for Unitized

Logical Ports, a new connectivity offering for its equity options platform ("BZX

Options") and adopt new Average Daily Quote and Average Daily Order fees.[3]

Unitized Port Fees

By way of background, Exchange Members may interface with the Exchange's

Trading System[4] (hereinafter, "System") by utilizing either the Financial Information

Exchange ("FIX") protocol or the Binary Order Entry ("BOE") protocol. The Exchange

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[3]   The Exchange initially submitted the proposed rule change on August 30, 2024 and was effective September 3, 2024 (SR-CboeBZX-2024-082). On September 13, 2024, the Exchange withdrew that filing and submitted SR-CboeBZX-2024-088. On November 12, 2024, the Exchange withdrew that filing and submitted SR-CboeBZX-2024-113. On December 20, 2024, the Exchange withdrew that filing and submitted SR-CboeBZX-2024-131. On February 3, 2025, the Exchange withdrew that filing and submitted SR-CboeBZX-2025-016. On April 4, the Exchange withdrew that filing and submitted SR-Cboe-BZX-2025-052. On June 2, 2025, the Exchange withdrew that filing and submitted SR-Cboe-BZX-2025-075. On July 31, 2025, the Exchange withdrew that filing and submitted SR-CboeBZX-2025-107. On September 26, 2025, the Exchange submitted SR-CboeBZX-2025-134. On November 24, 2025, the Exchange withdrew that filing and submitted SR-CboeBZX-2025-152. On December 4, 2025, the Exchange withdrew that filing and submitted SR-CboeBZX-2025-158. On January 29, 2026, the Exchange withdrew that filing and submitted this filing.

[4]   The terms "Trading System" and "System" mean the automated trading system used by BZX Options for the trading of options contracts. See Chapter XVI. General Provisions – BZX Options, Rule 16.1 Definitions.

further offers a variety of logical ports,[5] which provide users of these ports with the ability within the Exchange's System to accomplish a specific function through a connection, such as order entry, data receipt or access to information. For example, such ports include Logical Ports,[6] Purge Ports,[7] and Ports with Bulk Quoting Capabilities[8] ("Bulk Ports"). By way of further background, each of these ports corresponds to a single running order handler. Each order handler processes the messages it receives from these ports from the connected Members. This processing includes determining whether the message contains the required information to enter the System, whether the message parameters satisfy port-level (i.e., pre-trade) risk controls, and where to send that message within the System (i.e., to which matching engine[9]). Once an order handler completes the processing of a message, it sends that message to the appropriate matching engine.

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[5]   See Exchange Rule 21.1 (l)(2), definition of "logical port." Logical ports include FIX and BOE ports (used for order entry), drop logical port (which grants users the ability to receive and/or send drop copies) and ports that are used for receipt of certain market data feeds.

[6]   The term "Logical Ports" used herein shall refer to FIX and BOE ports (used for order entry). See Cboe BZX Options Fee Schedule, Options Logical Port Fees, "Logical Ports" (which exclude Purge Port, Multicast PITCH Spin Server Port or GRP Port).

[7]   Purge Ports provide users the ability to cancel a subset (or all) of open orders across Executing Firm ID(s) ("EFID(s)"), Underlying symbol(s), or CustomGroupID(s), across multiple logical ports/sessions. See Securities Exchange Act Release 79956 (February 3, 2017), 82 FR 10102 (February 9, 2017) (SR-BatsBZX-2017-05). See also https://cdn.cboe.com/resources/membership/US_Options_BOE_Specification.pdf and https://cdn.cboe.com/resources/membership/US_Options_FIX_Specification.pdf.

[8]   See Exchange Rule 21.1 (l)(3), definition of "bulk port." Bulk Ports provide users with the ability to submit and update multiple quote bids and offers in one message through logical ports enabled for bulk-quoting.

[9]   A matching engine is a part of the Exchange's System that processes options quotes and trades on a symbol-by-symbol basis. Some matching engines will process option classes with multiple root symbols, and other matching engines will be dedicated to one single option root symbol (for example, options on SPY will be processed by one single matching engine that is dedicated only to SPY). A particular root symbol may only be assigned to a single designated matching engine. A particular root symbol may not be assigned to multiple matching engines.

Historically, all order handlers connect to all matching engines. That is, under the BOEv2 and FIX protocols,[10] Members were able to access all symbols from a single logical port since each port corresponds to a single order handler that conveniently connects to all matching engines ("convenience layer"). Although the Exchange configures the software and hardware for its order handlers in the same manner, there can be a natural variance in the amount of time it takes individual order handlers to process messages of the same type under this architecture. Factors that contribute to this differentiation in processing times include the availability of shared resources (such as memory), which is impacted by (among other things) then-current message rates, the number of active symbols (i.e., classes), and recent messages for a symbol. This natural differentiation in processing times inherently may cause some messages to be sent from an order handler to a matching engine ahead of other messages that the Exchange's System may have received earlier on a different order handler.

The Exchange recently implemented a new architecture and protocol which includes, among other things, a single gateway per matching engine ("unitized layer"), which renders the above-described natural variance of order handler processing irrelevant for Members that connect to the unitized order handler.[11] More specifically, effective August 19, 2024, the Exchange implemented this new unitized access architecture and a new version of its Binary Order Entry (BOE) protocol[12] ("BOEv3"), which also resulted

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[10]   The Exchange notes for clarity that while BOEv2 has been decommissioned, Members can still access the convenience layer through BOEv3 protocol.

[11]   See Securities Exchange Act Release 100582 (July 23, 2024), 89 FR 60958 (July 29, 2024) (SR-CboeBZX-2024-071).

[12]   The BOE protocol is a proprietary order entry protocol used by Members to connect to the Exchange. The current version is BOEv3.

in the adoption of new logical port types ("Unitized Logical Ports"), for which the

Exchange is now seeking to establish fees.[13] Under the new unitized BOEv3 architecture,

a single BOEv3 order handler corresponds to a single matching engine and all message

traffic (including FIX and BOEv3 convenience layer port traffic) [14] passes through this

unitized BOEv3 order handler before reaching that order handler's corresponding

matching engine.[15] If a Member desires to access this unitized layer of the BOEv3

architecture, the Member would need to obtain a Unitized Logical Port for each

corresponding matching engine(s) that process the symbol(s) that Member desires to

trade.[16]

   BOEv3 Unitized Logical Ports provide an expedited processing path to a single

matching engine over that of other inbound paths on a best-efforts basis. Under routine

circumstances, the System will process pending purge messages from BOEv3 Unitized

Logical Ports before processing other inbound paths. Exceptions to this approach exist

with regard to various message traffic and rate controls that are incorporated into the

BOEv3 architecture. To illustrate how BOEv3 processes inbound messages, consider the

following simplified example: (1) process pending purge messages from BOEv3 Unitized

Logical Ports; (2) process all other pending messages from BOEv3 Unitized Logical

Ports; (3) process pending messages from convenience ports.

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[13]   See Securities Exchange Act Release No. 100582 (July 23, 2024) 89 FR 60958 (July 29, 2024) (SR-CboeBZX-2024-071).

[14]   The Exchange decommissioned BOEv2 in March 2025.

[15]   The Exchange notes that this improved infrastructure improves the prior noted natural variance in the amount of time it takes individual order handlers to process messages of the same type for all Members due to the improved infrastructure, even if a participant chooses to not utilize Unitized Logical Ports.

[16]   Members will be able to purchase Unitized Logical Ports individually or may purchase a "set," which will provide the total number of ports needed to connect to each available matching engine.

As noted above, to access the BOEv3 architecture a Member must obtain a Unitized Logical Port for each corresponding matching engine(s) that processes the symbol(s) the Member desires to trade. The three new port types that have been adopted are: (1) BOE Unitized Logical Ports,[17] (2) Bulk Unitized Logical Ports,[18] and (3) Purge Unitized Logical Ports[19] (collectively, "Unitized Logical Port"). With the exception of Exchange Options Market Makers[20] (hereinafter, "Market Makers") who may only quote via a BOE Bulk Unitized Logical Port,[21] use of the unitized architecture and purchase of a Unitized Logical Port is completely voluntary, and Members (i.e., non-Market Makers) are not required, or under any regulatory obligation, to utilize them.

The Exchange proposes to establish fees for the new Unitized Logical Ports, which can be purchased on an individual basis (i.e., capable of accessing a specified matching engine ("Matching Unit"))[22] and/or as a set ("Unitized Logical Port Set") (i.e.,

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[17]   Similar to the Exchange's preexisting Logical Ports, the new Unitized Logical Ports allow Members to submit orders and quotes.

[18]   Similar to the Exchange's preexisting Bulk Ports, the new Bulk Unitized Logical Ports allow Members to submit and update multiple quote bids and offers in one message and are particularly useful for Members that provide quotations in many different options.

[19]   Similar to the Exchange's preexisting Purge Ports, the new Purge Unitized Logical Ports are dedicated logical ports that provide the ability to cancel/purge all open orders, or a subset thereof, across multiple logical ports through a single cancel/purge message. They also solely process purge messages and are designed to assist Members, including Market Makers, in the management of, and risk control over, their orders and quotes, particularly if the Member is dealing with a large number of options.

[20]   The terms "Options Market-Maker" and "Market-Maker" mean an Options Member registered with the Exchange for the purpose of making markets in options contracts traded on the Exchange and that is vested with the rights and responsibilities specified in Chapter XXII of these Rules. See Chapter XVI. General Provisions – BZX Options, Rule 16.1 Definitions.

[21]   Market Makers may provide liquidity using either FIX, BOE convenience ports, BOE Unitized Logical Ports, or BOE Bulk Unitized sessions using either order or quote messages. Only the BOE Bulk Unitized sessions support the quote messages. BOE Bulk convenience sessions were not created due to lack of demand from MMs.

[22]   The Exchange notes that it operates 32 separate matching units.

will include the total number of ports needed to connect to each available Matching

Unit). The proposed fees for Unitized Logical Ports purchased individually and as sets

are as follows:

BOE Unitized Logical Port	$350/port/month
Bulk Unitized Logical Port	$550/port/month
Purge Unitized Logical Port	$400/port/month
BOE Unitized Logical Port (Set)	$2,500/month for 1st and 2nd port set $3,000/month for 3rd – 14th port set $3,500/month for 15th– 30th port set
Bulk Unitized Logical Port (Set)	$5,500/month for 1st and 2nd port set $6,000/month for 3rd – 14th port set $6,500/month for 15th– 30th port set
Purge Unitized Logical Port (Set)	$2,500/month for 1st and 2nd port set $3,000/month for 3rd – 14th port set $3,500/month for 15th– 30th port set

The proposed fees for Unitized Logical Port Sets are progressive. For example, if

a User were to purchase 11 BOE Unitized Logical Port Sets, it will be charged a total of

$32,000 per month ($2,500 * 2 + $3,000 * 9). As is the case today for existing logical

ports, the monthly fees are assessed and applied in their entirety and are not prorated. The

Exchange notes the current standard fees assessed for existing logical ports will remain

applicable and unchanged,[23] and Members are still able to purchase and utilize such ports

if they choose to do so. The proposed fees for Unitized Logical Port Sets will be assessed

per set, per Port Type. As an example, if a Member requests three BOE Unitized Logical

Port Sets, one Bulk Unitized Logical Port Set, and one Purge Unitized Logical Port Set,

the firm would be charged $8,000 ($2,500 + $2,500 + $3,000) for the three BOE Unitized

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[23]   For example, the Exchange currently assesses a monthly per port fee of $750 for Logical Ports and
Purge Ports. It also assesses $1,500 per port month for the 1st and 2nd Bulk Ports and $2,500 for the
3rd or more Bulk Ports. See Cboe BZX Options Fee Schedule, Options Logical Port Fees.

Logical Port Sets, $5,500 for the one Bulk Unitized Logical Port Set, and $2,500 for the one Purge Unitized Logical Port Set.[24]

Since the Exchange has a finite amount of capacity, it also proposes to prescribe a maximum limit on the number of Unitized Logical Ports that may be purchased and used on a per Member, per Matching Unit basis. The purpose of establishing these limits is to manage the allotment of Unitized Logical Ports in a fair and reasonable manner while preventing the Exchange from being required to expend large amounts of resources in order to provide an unlimited capacity to its matching engines. The Exchange previously proposed to provide that the two structures (i.e., individual unitized ports or unitized port sets) can be combined for up to a maximum of 20 Unitized Logical Ports per Member, per Matching Unit, per type of Unitized Logical Port.[25] The Exchange noted at the time it adopted this maximum that it would continue monitoring interest by all Members and system capacity availability with the goal of increasing these limits to meet Members' needs if and when the demand is there and/or the Exchange is able to accommodate such demand.[26] Since then, the Exchange has determined that it is able to accommodate an increased cap relative to current demand and available to the Exchange's matching engine and order handler capacity. As such, the Exchange proposes to increase the maximum to 30 Unitized Logical Ports per Member, per Matching Unit, per port type. As an example, a Member may request 12 BOE Unitized Logical Port Sets and 18 individual BOE Unitized Logical Ports for Matching Unit 1, providing a total max of 30 BOE

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[24]   The Exchange proposes to include this example in the Fee Schedule to provide further clarity as to the application of the proposed fees.

[25]   See Securities Exchange Act Release 101212 (September 27, 2024), 89 FR 80614 (October 3, 2024) (SR-CboeBZX-2024-088).

[26]   Id.

Unitized Logical Ports on Matching Unit 1 specifically. This would result in having 30

BOE Unitized Logical Ports on Matching Unit 1 and 12 BOE Unitized Ports on all

additional Matching Units as part of the 12 BOE Unitized Logical Port Sets requested.

Additionally, a firm may request 30 Bulk Unitized Logical Port Sets and 30 Purge

Unitized Logical Port Sets as those would constitute different port types.[27] The Exchange

believes the proposed cap will be sufficient for the vast majority of Members, as the

Exchange understands that at this time, no Member desires more than the current cap.

The Exchange notes that it will continue to monitor interest in Unitized Logical Ports and

system capacity availability with the goal of further increasing these limits to meet

Members needs if and when the demand is there, and the Exchange is able to

accommodate it. Additionally, Members will still be able to utilize the existing logical

port connectivity offerings with no maximum limit in addition to their Unitized Logical

Port allocation.[28] As further discussed below, the Exchange's pricing for these new

Unitized Logical Ports are less than or comparable to similar offerings from other

exchanges.[29]

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[27] The Exchange proposes to include this example in its Fee Schedule to provide clarity as to how Unitized Logical Port fees will be assessed. The Exchange further notes that in its prior filing (SR-CboeBZX-2025-016), it increased the cap to 30 and noted as such in its fee schedule; however, the Exchange will now include a clarifying update in its fee schedule to update the max tier amount from 20 to 30 for consistency and clarity.

[28] The Exchange notes that it does not support conversion of any one port type to another. Members and Market Makers would need to request new port and delete existing their port to transition from convenience ports to a Unitized Logical Port.

[29] See MIAX Express Interface for Quoting and Trading Options, MEI Interface Specification, Section 1.2 (MEI Architecture) available at: MIAX_Express_Interface_MEI_v2.10a.pdf (miaxglobal.com) which indicates firms can connect directly to one or more matching engines depending on which symbols they wish to trade and states "MIAX trading architecture is highly scalable and consists of multiple trade matching environments (clouds). Each cloud handles trading for all options for a set of underlying instruments" and provides that "Market Maker firms can connect to one or more pre-assigned servers on each cloud. This will require the firm to connect to more than one cloud in order to quote in all underlying instruments they are approved to make markets in" See also MIAX Emerald Options Order Management Using FIX Protocol, FIX Interface Specification, available at https://www.miaxglobal.com/sites/default/files/page-

Average Daily Quotes and Average Daily Order Fees

The Exchange also proposes to adopt Average Daily Order ("ADO") and Average

Daily Quote ("ADQ") fees. "ADO" represents the total number of orders for the month,

divided by the number of trading days. "ADQ" represents the total number of quotes for

the month, divided by the number of trading days. [30] When measuring a Member's ADO

orders and cancel/replace modify orders which submit a bid or offer and do not include

cancels, are included. To measure a Member's ADQ, quotes and quote updates which

submit a bid or offer and do not include cancels, are included. Further, ADO will include

orders submitted by a Member from all logical port types (i.e., non-unitized logical ports

and Unitized Logical Ports).[31] Each Member may submit up to 2,000,000 average daily

orders or up to 250,000,000 average daily quotes per calendar month without incurring

any ADO or ADQ fees, respectively. In the event that the average number of quotes per

trading day during a calendar month submitted exceeds 250,000,000, each incremental

usage of up to 20,000 average daily quotes will incur an additional fee as set forth in the

table below. Similarly, in the event that the average number of orders per trading day

during a calendar month submitted exceeds 2,000,000, each incremental usage of up to

1,000 average daily orders will incur an additional ADO fee as set forth in the table

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files/FIX_Order_Interface_FOI_v2.6c.pdf. MIAX describes its FIX Order Interface Gateway as "a high-speed FIX Order Interface gateway [that] conveniently routes orders to our trading engines through a common entry point to our trading platform." See https://www.miaxglobal.com/markets/us-options/miax-options/interface-specifications.

[30]   The term "quote" refers to bids and offers submitted in bulk messages. A bulk message means a single electronic message a user submits with an M (Market-Maker) capacity to the Exchange in which the User may enter, modify, or cancel up to an Exchange-specified number of bids and offers. A User may submit a bulk message through a bulk port as set forth in Exchange Rule 21.1(l)(3). See Rule 16.1 (definition of bulk message).

[31]   As previously noted above, only quotes may be placed via Unitized Bulk Ports, as such, only Unitized Ports are used to determine a Member's ADQ.

below. A Member's ADO and ADQ will be aggregated together with any affiliated

Member sharing at least 75% common ownership.

ADQ Fee Rate per 20,000 ADQ	Fee				
	Tier 1 <= 250,000,000	Tier 2 > 250,000,000	Tier 3 >500,000,000	Tier 4 >1,000,000,000	Tier 5 >3,500,000,000
	$0.00	$0.05	$0.075	$0.10	$0.20
ADO Fee Rate per 1,000 ADO	Tier 1 <= 2,000,000	Tier 2 > 2,000,000	Tier 3 >2,500,000	Tier 4 >3,000,000	Tier 5 >3,500,000
	$0.00	$1.00	$1.50	$2.00	$2.50

As an example, a Member that has 510,000,000 ADQ would subsequently have

25,500 "ADQ increments" (510,000,000 ADQ / 20,000 ADQ increments). While 12,500

of the 25,500 ADQ increments are free within Tier 1, 12,500 of the ADQ increments

would be fee liable at $0.050 within Tier 2, while the remaining 500 ADQ increments

would be fee liable at $.075 within Tier 3, resulting in a total ADQ fee of $662.50 for that

month.[32]

The Exchange notes that market participants with incrementally higher ADO or

ADQ are likely to require more of the Exchange's Trading System resources, bandwidth,

and capacity. In this regard, higher ADO or ADQ may, in turn, create System latency

and potentially impact other Members' ability to receive timelier executions. The

proposed fee structure has multiple thresholds, and the proposed fees are incrementally

greater at higher ADO and ADQ rates because the potential impact on Exchange

Systems, bandwidth, and capacity becomes greater with increased ADO and ADQ rates.

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[32]   The Exchange proposes to include this example in the Fees Schedule to provide further clarity as to the application of the proposed fees.

As noted above, the proposal contemplates that a Member would have to exceed the high ADO rate of 2,000,000 and a Member would have to exceed the high ADQ rate of 250,000,000 before that market participant would be charged a fee under the proposed respective tiers. The Exchange believes that it is in the interests of all Members and market participants who access the Exchange to not allow other market participants to strain System resources, but rather encourage efficient usage of network capacity. The Exchange also believes this proposal (and in particular the proposed incrementally higher fee amounts associated with higher ADO and ADQ) will help to moderate excessive order/quote and trade activity from Members that may require the Exchange to otherwise increase its storage capacity and will encourage such activity to be submitted in good faith for legitimate purposes.

The Exchange also represents that the proposed fees are not intended to raise profits; rather, as noted above, it is intended to encourage efficient behavior so that market participants do not exhaust System resources. Moreover, the Exchange provides Members with daily reports, free of charge, which details their order and trade activity in order for those firms to be fully aware of all order and trade activity they (and their affiliates) are sending to the Exchange. This will allow Members to monitor their behavior and determine whether it is approaching any of the ADO or ADQ thresholds that trigger the proposed fees.

Lastly, the Exchange notes that other exchanges have adopted various fee programs that assess incrementally higher fees to Members that have incrementally higher order and/or quoting trading activity for similar reasons.[33]

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33   See, e.g., Securities Exchange Act Release No. 60102 (June 11, 2009), 74 FR 29251 (June 19, 2009) (SR-NYSEArca-2009-50) (adopting fees applicable to Members based on the number of

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.[34]

Specifically, the Exchange believes the proposed rule change is consistent with the

Section 6(b)(5)[35] 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)[36] requirement that the rules of an exchange not be designed to permit

unfair discrimination between customers, issuers, brokers, or dealers. The Exchange also

believes the proposed rule change is consistent with Section 6(b)(4)[37] of the Act, which

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orders entered compared to the number of executions received in a calendar month). It appears that Nasdaq similarly assesses a penalty charge to its members that exceed certain "weighted order-to-trade ratios". See *Price List—Trading Connectivity,* NASDAQ, *available at https://www.nasdaqtrader.com/trader.aspx?id=pricelisttrading2*. *See also* Securities Exchange Act Release No. 91406 (March 25, 2021), 86 FR 16795 (March 31, 2023) (SR-EMERALD-2021-10) (adopting an "Excessive Quoting Fee" to ensure that Market Makers do not over utilize the exchange's System by sending messages to the MIAX Emerald, to the detriment of all other Members of the exchange).

[34]   15 U.S.C. 78f(b).

[35]   15 U.S.C. 78f(b)(5).

[36]   Id.

[37]   15 U.S.C. 78f(b)(4).

requires that Exchange rules provide for the equitable allocation of reasonable dues, fees, and other charges among its Members and other persons using its facilities.

The Exchange believes the proposed fees are reasonable because Unitized Logical Ports provide a valuable service in that Unitized Logical Ports are intended to create a more consistent, and more deterministic experience for messages once received within the Exchange's System under the recently adopted unitized BOEv3 architecture. As discussed above, the new architecture (and thereby the new Unitized Logical Ports) was designed to create a more consistent and more deterministic experience for messages once received within the System, which the Exchange believes improves the overall access experience on the Exchange and will enable future system enhancements. As noted, the BOEv3 protocol and architecture, along with the three new corresponding Unitized Logical Ports, are intended to reduce the natural variance of order handler processing times for messages, and as a result reduce the potential resulting "reordering" of messages when they are sent from order handlers to matching engines. The adoption of the unitized BOEv3 structure (including the corresponding new Unitized Ports) was a technical solution that is intended to reduce the potential of this reordering and increase determinism.[38] The Exchange believes the proposed fees are also reasonable to offset costs incurred in order to build out an entirely new unitized architecture.

Furthermore, the Exchange also notes that it believes the proposed fees are similar to or less than fees assessed by other exchanges, for analogous connections as explained in further detail below.[39] The Exchange notes that other exchanges that offer similar

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[38]   See Securities Exchange Act Release 100582 (July 23, 2024), 89 FR 60958 (July 29, 2024) (SR-CboeBZX-2024-071).

[39]   See e.g. MIAX Pearl Options Fee Schedule.

pricing for similar connections have a comparable, or even lower, market share as the

Exchange, as also detailed further below. Indeed, the Exchange has reviewed the U.S.

options market share for each of the eighteen options markets utilizing total options

contracts traded year-to-date as of the end of June 2025, as set forth in the following

graph:[40]

Multi-list Options Market Share – YTD 2025
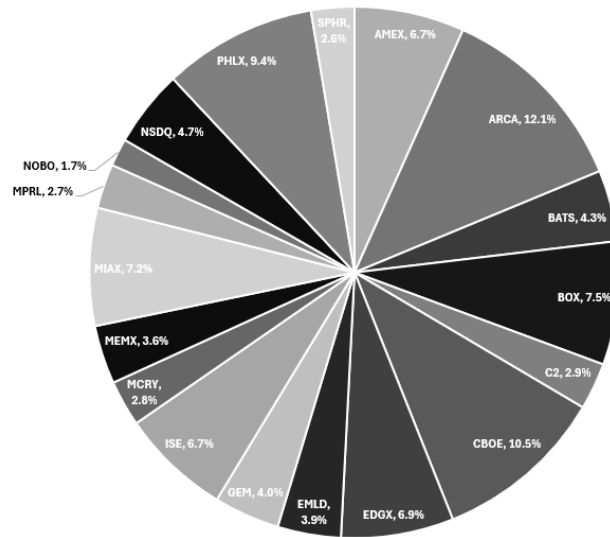
The Exchange (market share of 4.30%) notes that the proposed Purge Unitized

Logical Port fee of $400 to connect to a matching engine is lower than fees charged by at

least two other exchanges with comparable (indeed, even lower) market share,

particularly by MIAX Emerald (3.90% market share) and MIAX Pearl (2.7% market

share). The Exchange does note that both MIAX Emerald and MIAX Pearl offer two

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[40]   Market share is the percentage of volume on a particular exchange relative to the total volume
         across all exchanges, and indicates the amount of order flow directed to that exchange. High levels
         of market share enhance the value of trading and ports. Total contracts include both multi-list
         options and proprietary options products. Proprietary options products are products with
         intellectual property rights that are not multi-listed. The Exchange does not currently list
         proprietary products.

purge ports for a matching engine connection at a cost of $600,[41] while the Exchange

offers the primary Purge Unitized Logical Port as well as a secondary Purge Unitized

Logical Port for its redundant secondary data center ports for $400. The Exchange

believes that the bulk of the value customers derive is not within the quantity of Purge

Unitized Logical Ports a Member purchases, but the ability to connect to the specific

matching engine.[42] For instance, a Member may need to purchase several convenience

ports to minimize the natural variance of order handler processing times for messages,

but by comparison the same Member may only need to purchase a single Unitized

Logical Port to achieve the same results. For this reason, the Exchange still believes it is

better priced than MIAX Emerald's and MIAX Pearl's comparable offerings.

Furthermore, even when comparing the costs of purchasing Purge Unitized

Logical Ports to connect to all matching engines, the Exchange still assesses a lower fee

than MIAX Pearl or MIAX Emerald. Connecting to all matching engines on MIAX

Emerald or MIAX Pearl would cost $7,200, while connecting to all matching engines on

BZX Options costs $2,500.[43] As noted above, while the Exchange believes the bulk of

the value customers derive is the ability to connect to specific matching engines, and in

this case, all matching engines, if a customer did want to have two Purge Unitized

Logical Ports for all matching engines (in addition to the included secondary purge ports

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[41]   See e.g., MIAX Emerald Options Fee Schedule.

[42]   Due to the higher performance that offers higher throughput with more deterministic outcomes for participants, the revised architecture leads to a decreased demand in ports generally.

[43]   The pricing amounts for MIAX Pearl and MIAX Emerald are based off of $600 per Purge Port fee per matching engine with a total of 12 matching engines (see MIAX Pearl Options - Reminder of rebalancing of the symbol distribution across Trade Matching Environments (Clouds) effective for Trading on May 12, 2025 | MIAX and MIAX Emerald Options Rebalancing of the symbol distribution across Trade Matching Environments (Clouds) effective for Trading on April 14, 2025 | MIAX). While the pricing for BZX Options is based on connecting to all Matching Engines by purchasing a set.

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provided), it would cost the participant $5,000 ($2,500/set x 2) – still lower than the cost of $7,200 for two purge ports for all matching engines that MIAX Emerald and MIAX Pearl offer.

While not as closely comparable, MIAX Emerald and MIAX Pearl both offer Full Service MEI Ports (analogous to the Exchange's Bulk Port offering) and Limited Service MEI Ports (analogous to the Exchange's BOE Port offering) that are based on the lesser of a participant's per class basis or percentage of total national average daily volume measurement. For each matching engine a participant connects to (based on their activity), they receive two Full Service MEI Ports and four Limited Service MEI Ports.[44] Based on publicly available information, MEI ports provide market makers direct connections to each matching engine for high-speed mass quoting.[45] A Full Service MEI Ports support all input message types, and Limited Service MEI Ports support all message types except bulk quotes.

Notably, MIAX Emerald and MIAX Pearl offer their Full Service MEI Ports and Limited Service MEI Ports only to market makers on those respective exchanges, and non-market maker members are not permitted to purchase MEI connections. As such, when comparing the Unitized Logical Port fees assessed to Market Makers by the Exchange to the Full Service MEI and Limited Service MEI Ports assessed to market makers by MIAX Emerald and MIAX Pearl, the Exchange believes that its proposed fee for Unitized Logical Ports is reasonable and justified by the value derived by Options

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[44]   See e.g., MIAX Pearl Options Fee Schedule.

[45]   See MIAX Emerald Options Exchange, Market Access – MIAX Express Interface, at 2, available at: https://www.miaxglobal.com/sites/default/files/website_file-files/MIAX_Emerald_Fact_Sheet_03272019.pdf.

Market Makers purchasing these connections in being able to connect directly to a certain matching engine.

Specifically, presuming a participant is quoting up to 10 classes for MIAX Pearl or 5 classes for MIAX Emerald (the lowest available tier for each exchange), they are connecting to fewer matching engines than another participant who may be quoting over 100 classes (the highest tier available for both MIAX Pearl and MIAX Emerald). In comparing the monthly cost using the pricing of the lowest tiers for MIAX Pearl and MIAX Emerald, the Exchange presumes an estimated comparable connection of connecting to 3 different matching engines at a cost of $550 per Bulk Port per matching engine and $350 per BOE Port per matching engine.[46] This equates to $7,500 (($350*4 Ports *3 matching engines) + ($550 * 2 Ports * 3 matching engines) per month for BZX Options, and $5,000 per month for both MIAX Pearl and Emerald. For the highest tier, the Exchange presumes that if a participant was quoting over 100 classes, they are likely connecting to all matching engines. In this case, it costs a participant $12,000 per month for MIAX Pearl, $20,500 per month for MIAX Emerald, and $22,000 ($5,500 *2 Bulk Sets) + ($2,500 * 2 BOE Sets (Tier 1)) + ($3,000 * 2 BOE Sets (Tier 2)) per month for BZX Options to connect to all matching engines.

While the Exchange is priced higher in these specific examples, it again believes the value comes from the ability to connect to additional matching engines as opposed to the quantity of ports itself and participants of the Exchange are able to determine their

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[46]   The Exchange notes that, based on publicly available information from MIAX Emerald and MIAX Pearl, a definitive comparison is not feasible. Rather, the Exchange could only reasonably infer that using the lowest tier for each of MIAX Emerald and MIAX Pearl *may* reasonably equate to connecting to 3 Exchange matching engines. The Exchange deduced that 3 Exchange matching engines *may* be a relevant comparison given the number of quoting symbols quoted per Exchange matching engine.

number of desired ports as opposed to having a set package based on their Exchange

activity. For example, a participant of BZX Options can have similar matching engine

connectivity to the lowest tier of MIAX Emerald or MIAX Pearl by connecting to three

matching engines (using the same presumed number as above) by purchasing three Bulk

Ports for a cost of $1,650 per month, substantially less than the fixed costs of $5,000 per

month of MIAX Emerald and MIAX Pearl. Additionally, a participant on BZX Options is

able to connect to all matching engines for a price of $5,500 per month by purchasing a

Bulk Set as opposed to the fixed cost of MIAX Emerald and MIAX Pearl at $20,000 per

month and $12,000 per month, respectively. Furthermore, MIAX Emerald does allow

participants to purchase additional Limited Service ports at a price of $420 per month,

higher than the Exchange's comparable offering of $350 per month for a BOE port.

While it is challenging to compare the exact pricing on these products, the Exchange

believes that it is priced comparably, if not lower than MIAX Pearl and MIAX Emerald.

The Exchange acknowledges that the above comparability analysis does not

consider the fees assessed to non-Options Market Makers on the Exchange relative to

non-market makers on MIAX Emerald or MIAX Pearl. This is due, however, to the fact

that MIAX Emerald and MIAX Pearl do not permit non-market makers to purchase MEI

ports (the closest comparable product to BZX's Unitized Logical Ports). Presumably,

MIAX Emerald and MIAX Pearl limit such participants to use of only MIAX's FIX

ports. Importantly, unlike MIAX Emerald and MIAX Pearl, the Exchange permits its

Members (i.e., non-Market Makers) to purchase a Unitized Logical Port, should such

Member deem the use of such connection to be beneficial to their trading strategy.

Additionally, Members (i.e., non-Market Makers) may instead elect to purchase

Exchange BOE convenience or FIX Ports, or a combination of Unitized Logical Ports, BOE convenience and FIX ports. Furthermore, Members and Market Makers are free to choose to purchase Unitized Logical Ports in sets or by individual ports (dependent on the firm's matching engine needs, which may be based on products it trades, strategies, or other business needs). As such, the Exchange's offering is both more widely available and provides Members and Market Makers with more flexibility and customization in contrast to MIAX's strict matching engine connectivity based on the classes a Market Maker is quoting in and its rigid fee structure.

As an additional point of comparison for non-market makers, the Exchange notes the FIX port fees it charges it Members, relative to those charged by MIAX Emerald and MIAX Pearl for their non-market maker members.[47] Specifically, the Exchange charges its Members $750 per month, per convenience port (which may be FIX or BOE). MIAX Emerald[48] utilizes a progressive fee schedule for its FIX ports and charges its members a fee of $550 per month, per port, for the first FIX port; $350 per month, per port, for ports two through five; and $150 per month, per port, for each FIX port above five. MIAX Pearl[49] also utilizes a progressive fee schedule for its FIX ports, and charges its members $275 per month, per port, for the first FIX port; $175 per month, per port, for FIX ports two through five; and $75 per month, per port, for each sixth or more FIX port. While purchasing six FIX ports on the Exchange ($4500)[50] would cost more than purchasing six

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[47]   For the sake of clarity, the Exchange notes that Options Market Makers are also permitted to purchase convenience ports (which may be FIX or BOE).

[48]   Supra note 40.

[49]   Supra note 38.

[50] $750*6 = $4500

FIX ports on MIAX Emerald ($3100)[51] or MIAX Pearl ($1225),[52] the Exchange again notes that its Members are, unlike MIAX Emerald and MIAX Pearl members, permitted to purchase BOE ports, FIX ports, or Unitized Logical Ports, or a combination of the three, depending on their needs and strategy. In this regard, unlike MIAX Emerald and MIAX Pearl the Exchange's Unitized Logical Port solution and its related benefits are available to *all* Members, and at a lower cost than that assessed to Members for a single FIX port ($750 for one FIX port, per month vs. $350 for one BOE Unitized Logical Port). Therefore, while FIX ports on the Exchange are more expensive than those on MIAX Emerald and MIAX Pearl, the Exchange's port offerings as a whole provide Members and Market Makers with more flexibility in how to manage their Exchange access and better configure their connectivity costs based on their needs The Exchange also emphasizes that the use of the Unitized Logical Ports is not necessary for trading on the Exchange and, as noted above, is entirely optional (other than Market Makers which must utilize a Unitized Logical Port for quoting). The Exchange notes the following usage stats, current as of September 25, 2025:

- Convenience Ports (FIX or BOEv3)

    o 57% of Members still utilize a convenience layer port (FIX or BOEv3), in addition to or in lieu of Unitized Ports. On average, Market Makers utilize 44 convenience ports.

- BOEv3 Unitized Logical Port

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[51] $750 + $550 + $550 + $550 + $550 + $550 + $150 = $3100

[52] $275 + $175 + $175 + $715 + $175 + $715 + $75 = $1225

- o Market Makers constitute 71% of all BOEv3 Unitized Logical Port usage, compared to 29% of Members (i.e., non-Market Makers).

- o Market Makers constitute 70% of all BOEv3 Unitized Logical Port sets usage, while Members (i.e., non-Market Makers) constitute 30% of BOEv3 Unitized Logical Port sets usage.

- BOEv3 Unitized Logical Purge Port

- o Market Makers constitute 100% of all BOEv3 Unitized Logical Purge Port usage, and 100% of BOEv3 Unitized Logical Purge Port set usage.

- BOEv3 Unitized Logical Bulk Port

- o Market Makers constitute 99% of all BOEv3 Unitized Logical Bulk Port Usage, while Members (i.e., non-Market Makers) constitute 1%.

- o Market Makers constitute 99% of all BOEv3 Unitized Logical Bulk Port set usage, while Members (i.e., non-Market Makers) constitute 1% of BOEv3 Unitized Logical Bulk Port set usage.

The Exchange believes that the above statistics demonstrate that the use of Unitized Logical Ports and their associated fees are not mandatory per se. Indeed, Market Makers and Members alike are free to continue to utilize convenience ports for their message traffic as they best see fit, and may continue to access the Exchange through existing logical port offerings at existing rates. The Exchange believes that it is a Member's specific business needs that will drive its decision whether to use Unitized Logical Ports in lieu of, or in addition to, existing logical ports (or, as emphasized, not use them at all). If a Member finds little benefit in having these ports based on its business model and trading strategies, or determines the Unitized Logical ports are not

cost-efficient for its needs, or does not provide sufficient value to the firm, such Member may continue connecting to the Exchange in the manner it does today, unchanged. Moreover, the Exchange believes that providing Members the option of purchasing Unitized Logical Ports individually or in sets provides Members further flexibility and an opportunity for cost savings for those Members that wish to only trade a subset of classes. The Exchange has seen firms take advantage of individually priced Unitized Logical Ports when their needs do not require connectivity to all matching engines – further allowing its Members to pay reduced fees relative to a Unitized Logical Port set.

Furthermore, the Exchange notes that undertaking a technological innovation, such as offering a new connectivity option for Members (of which, 57% still utilize at least one FIX or BOEv3 Port through the convenience layer), requires costs and resource allocation. In fact, as the Exchange previously noted, such innovation has improved the infrastructure for all Members of the Exchange. Such innovation is a part of what allows the Exchange to continue to provide access to markets in times of heightened volatility with zero downtime. The new Chairman of the Securities Exchange Commission, Paul Atkins, even recently heighted the importance of innovation by stating "…we are getting back to our roots of promoting, rather than stifling, innovation. The markets innovate, and the SEC should not be in the business of telling them to stand still."[53] In order for exchanges to continue to provide greater options through technological innovation and, in turn, work to improve the resiliency of markets, exchanges must have reasonable certainty around their ability to set fees.

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[53]   See Chairman Atkins "Prepared remarks before SEC Speaks," May 19, 2025, available at:
https://www.sec.gov/newsroom/speeches-statements/atkins-prepared-remarks-sec-speaks-051925.

The Exchange also believes that the proposed Unitized Logical Port fees are equitable and not unfairly discriminatory because they continue to be assessed uniformly to similarly situated users in that all Members who choose to purchase Unitized Logical Ports will be subject to the same proposed tiered fee schedule. Moreover, Members purchasing Unitized Logical Ports will only do so if they find a benefit and sufficient value in such ports as all Members can otherwise continue to use the preexisting logical connectivity options.[54] As such, Members can choose whether to purchase Unitized Logical Ports based on their respective business needs.

The proposed ascending tier structure for Unitized Logical Port Sets is reasonable, equitable and not unfairly discriminatory as it is designed to encourage market participants to be efficient with their respective Unitized Logical Port usage. It also is designed so that Members that use a higher allotment of the Exchange's system resources pay higher rates, rather than placing that burden on market participants that have more modest needs. The Exchange believes the proposed ascending fee structure is therefore another appropriate means, in conjunction with an established Unitized Logical Port limit, to manage this finite resource (system capacity) and ensure it is apportioned fairly.

In contrast, MIAX's structure limits its offering to a specific subset of participants, Market Makers, and allocates its ports based on quoting. In contrast, the Exchange and its participants are free to utilize this product at their required level of consumption. Furthermore, the Exchange already assesses higher fees to those that consume more Exchange resources for the existing non-Unitized Bulk Ports.[55] The

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[54]   The Exchange notes that Market Makers are required to purchase and utilize a Unitized Logical Port for their quoting activity.

[55]   See Cboe U.S. Options Fees Schedule, BZX Options, Options Logical Port Fees, Ports with Bulk

proposed limit on Unitized Logical Ports is also reasonable, equitable and not unfairly discriminatory as the Exchange believes that it is in the interests of all Members and market participants who access the Exchange to not allow Members to exhaust System resources, but to encourage efficient usage of network capacity. The Exchange also notes that the new BOEv3 unitized architecture is subject to software limitations on the number of sessions that can be created on any one unitized process. Consideration was given to this limitation as well as to the amount of ports firms had indicated they would need prior to the implementation of Unitized Logical Ports.

The Exchange believes the proposed ADO and ADQ fees are reasonable as Members that do not exceed the high thresholds of 2,000,000 ADO and 250,000,000 ADQ will not be charged any fee under the proposed tiers. The Exchange notes that in establishing the proposed thresholds, it evaluated average ADO and ADQ rates over several months and the thresholds were designed to protect the Exchange's Matching Engines from being adversely impacted from sustained and excessive orders/quotes throughout the course of a given month. Further, the Exchange considered the highest levels of ADO and ADQ rates amongst firms and from there, reviewed what would be considered an unreasonable threshold even at the highest levels. The ADQ thresholds are also designed to ensure Market Makers quoting activity, which acts as an important source of liquidity, is not impeded by the proposal.[56] In fact, when setting these

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Quoting Capabilities.

[56] Since the implementation of the proposal on September 3, 2024, the Exchange notes that it has not received any feedback from Market Maker participants that the proposal has impeded their ability to meet their quoting obligations.

thresholds, the Exchange reviewed to ensure that these levels would not prohibit Market

Makers from meetings quoting obligations.

The Exchange also believes it is reasonable, equitable and not unfairly

discriminatory to assess higher fees when a Member has higher ADO and ADQ rates

because the potential impact on exchange systems, bandwidth and capacity becomes

greater with increased ADO and ADQ rates. In this regard, the fees are designed to apply

only to those Members whose message traffic is noticeably beyond the proposed ADO

and ADQ rates. In particular, the proposed fee amounts that correspond to higher ADO

and ADQ rates are designed to incentivize Members to reduce excessive order and

quoting trade activity that the Exchange believes can be detrimental to all market

participants at those levels and encourage such activity to be made in good faith and for

legitimate purposes. As of the end of August 2025, the Exchange notes that all but one

Member fell within the proposed ADO Tier 1, resulting in that one single Member being

assessed additional ADO fees. With regards to ADQ, 9 Members fell into Tier 1 and

were not assessed any additional ADQ fees. Additionally, 4 Members fell into Tier 2, 2

Members fell into Tier 3, 2 Members fell into Tier 4, and 1 Member fell into Tier 5, and

were assessed related ADQ fees.[57]

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[57] The Exchange notes that a Member's ADO and ADQ rates will naturally vary based on options trading volume on the Exchange. In its initial filing the Exchange noted that while it could not predict with certainty any Member's actual ADO and ADQ rates, that it believed approximately 74% of Members would fall into Tier 1, and the remaining 26% would fall outside of Tier 1. In this filing, the stated ADO and ADQ rates are from August 2025, and represent that approximately 50% of Members fell out of Tier 1. While this percentage is greater than the 26% of Members noted in the Exchange's initial filing, the Exchange notes that average daily volume ("ADV") in August 2025 across Cboe's four U.S. options exchange was at an all-time high of 19.2 million contracts, comprised of: record multi-listed options ADV of 14.3 millions contracts, which surpassed the ADV record of 13.6 million contracts set in February 2025; and S&P 500 Index (SPX) options ADV of 3.8 million contracts, the second-best month of all time, with zero-days-to-expiry (0DTE) trading representing a record ADV of 2.4 million contracts. See "Cboe Global Markets Reports Trading Volume for August 2025," available at: https://ir.cboe.com/news/news-details/2025/Cboe-Global-Markets-Reports-Trading-Volume-for-August-

Importantly, as noted above, the Exchange believes that it is in the interests of all Members and market participants who access the Exchange to not allow Members to exhaust System resources, but to encourage efficient usage of network capacity. The Exchange therefore also believes that the proposed fees are one method of facilitating the Commission's goal of ensuring that critical market infrastructure has "levels of capacity, integrity, resiliency, availability, and security adequate to maintain their operational capability and promote the maintenance of fair and orderly markets."[58] Furthermore, the Exchange believes adopting the proposed ADO and ADQ fees are reasonable as unfettered usage of System capacity and network resource consumption can have a detrimental effect on all market participants who access and use the Exchange. As discussed above, high ADO and ADQ rates may adversely impact system resources, bandwidth, and capacity which may, in turn, create latency and impact other Members' ability to receive timely executions.

Moreover, the Exchange believes that the proposed ADO and ADQ fees are equitable and not unfairly discriminatory because they will be assessed uniformly to similarly situated users in that all Members that exceed the thresholds in connection with ADO and ADQ will be assessed the proposed ADO and ADQ rates. Regarding ADO and ADQ, no market participant is assessed any fees unless it exceeds the proposed thresholds. The Exchange also believes it is equitable and not unfairly discriminatory to assess incrementally higher fees to Members that have higher ADO and ADQ rates

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2025/default.aspx#:~:text=Record%20multi%2Dlisted%20options%20ADV,ADV%20of%202.4%20million%20contracts.

58   *See* Securities Exchange Act Release No. 73639 (November 19, 2014), 79 FR 72251 (December 5, 2014) (File No. S7-01-13) (Regulation SCI Adopting Release).

because the potential impact on exchange systems, bandwidth and capacity becomes greater with increased ADO and ADQ.

Furthermore, the Exchange believes it is equitable and not unfairly discriminatory to aggregate Members trading activity with any affiliated Member sharing at least 75% common ownership[59] in order to prevent members from shifting their order flow or quoting activity to other affiliates in order to circumvent the ADO and ADQ thresholds.

The Exchange lastly believes that its proposal is reasonable, equitably allocated and not unfairly discriminatory because it is not intended to raise revenue for the Exchange; rather, it is intended to encourage efficient behavior so that Members do not exhaust System resources. Moreover, as noted above, competing options exchanges similarly assess fees to deter Members from over utilizing their respective systems by having excessive order and/or quoting trading activity.[60]

Finally, the Exchange notes that it operates in a highly competitive market in which market participants can readily direct order flow to competing venues if they deem fee levels at a particular venue to be excessive or incentives to be insufficient. The Exchange is only one of 18 options exchanges which market participants may direct their

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[59]   The Exchange notes that its usage of 75% of common ownership is standard practice and utilized by the Exchange's affiliated exchanges. For instance, Cboe EDGX Exchange, Inc. options Market Maker Order-to-Trade Ratio fees provide that Order-to-Trade Ratio fees will apply only to participants registered as Market Makers on EDGX Options. The Order-to-Trade ratio will be calculated monthly based on the total number of orders (including messages to modify orders) submitted to EDGX Options, regardless of capacity, divided by the total number of trades occurring on orders. The calculation of the ration will not include quotes or trades resulting from such quotes. A Market Maker's order flow will be aggregated together with any affiliated Members *sharing at least 75% common ownership.*" See Cboe U.S. Options Fee Schedule, EDGX Options, available at: https://www.cboe.com/us/options/membership/fee_schedule/edgx/; see also Nasdaq BX Options 7 Pricing Schedule, "The term "Common Ownership" shall mean participants under 75% common ownership or control…," available at: https://listingcenter.nasdaq.com/rulebook/bx/rules/bx-options-7.

[60]   See supra note 32.

order flow and/or participate on, and it represents a small percentage of the overall

market.[61] When determining reasonable prices, the Exchange must ensure these are

competitive prices in order to maintain market share, as uncompetitive pricing, or prices

that Members deem to be excessive, can lead Members to take their order flow to other

exchanges.

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

The Exchange does not believe that the proposed rule change to adopt fees for

Unitized Logical Ports will impose any burden on intramarket competition that is not

necessary in furtherance of the purposes of the Act because the proposed fees for will

apply equally to all similarly situated Members. As discussed above, Unitized Logical

Ports are optional[62] and Members may choose to utilize Unitized Logical Ports or not,

based on their views of the additional benefits and added value provided by these ports.

The Exchange believes the proposed fees will be assessed proportionately to the potential

value or benefit received by Members with a greater number of Unitized Logical Ports

and notes that Members may determine to cease using Unitized Logical Ports should they

determine that they are no longer receiving value from these ports. As discussed,

Members can also continue to access the Exchange through existing Logical Ports, which

fees are not changing. Moreover, while the NYSE Arca Marketplace ("Arca") and

Nasdaq Stock Market, LLC ("Nasdaq") do not have offerings directly comparable to

Unitized Logical Ports, the Exchange notes that Arca's and Nasdaq's port fees are higher

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[61]   See Cboe Global Markets, U.S. Options Market Volume Summary, Month-to-Date (August 27, 2024), available at https://www.cboe.com/us/options/market_statistics/ which reflects the Exchange representing only 3.3% of total market share.

[62]   The Exchange notes that while use of Unitized Logical Ports is optional, Market Makers are required to utilized a Unitized Logical Port of their quoting activity.

than those of the Exchange. Specifically, the Exchange notes that Arca charges a fee of

$621 per quoting/order entry port,[63] and Nasdaq assess its members a fee of $575 per FIX

order entry port.[64] In both cases, Arca and Nasdaq's port fees are more expensive than

the proposed fees for a single BOE Unitized Logical Port ($350/port/month), a single

Bulk Unitized Logical Port ($550/port/month), and a single Purge Unitized Logical Port

($400/port/month).

Similarly, the Exchange does not believe that the proposed rule change to adopt

ADO and ADQ fees will impose any burden on intramarket competition that is not

necessary in furtherance of the purposes of the Act because such fees will apply equally

to all similarly situated Members. Particularly, the proposed fees apply uniformly to all

Members, in that any Member who exceeds the ADO and/or ADQ Tier 1 thresholds will

be subject to a fee under the proposed corresponding tiers. The Exchange believes that

the proposed change neither favors nor penalizes one or more categories of market

participants in a manner that would impose an undue burden on competition. Rather, the

proposal seeks to benefit all market participants by encouraging the efficient utilization of

the Exchange's network while taking into account the important liquidity provided by its

Members. As discussed above potential impact on exchange systems, bandwidth, and

capacity becomes greater with increased ADO and ADQ rates. Accordingly, the

Exchange believes that the proposed ADO and ADQ fees do not favor certain categories

of market participants in a manner that would impose a burden on competition.

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63   See NYSE Arca Fees and Charges "Connectivity Fees," available at: https://www.nyse.com /publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf.

64   See "Price List - Trading Connectivity," available at: https://nasdaqtrader.com/Trader.aspx?id= PriceListTrading2.

Next, the Exchange believes the proposed rule change does not impose any burden on intermarket competition that is not necessary or appropriate in furtherance of the purposes of the Act. As previously discussed, the Exchange operates in a highly competitive market, including competition for order flow. Market Participants have numerous alternative venues that they may participate on, including 17 other options exchanges (including 3 other Cboe-affiliated options exchanges), as well as off-exchange venues, where competitive products are available for trading. Indeed, participants can readily choose to submit their order flow to other exchange and off-exchange venues if they deem fee levels at those other venues to be more favorable. Moreover, the Commission has repeatedly expressed its preference for competition over regulatory intervention in determining prices, products, and services in the securities markets. Specifically, in Regulation NMS, the Commission highlighted the importance of market forces in determining prices and SRO revenues and, also, recognized that current regulation of the market system "has been remarkably successful in promoting market competition in its broader forms that are most important to investors and listed companies."[65] The fact that this market is competitive has also long been recognized by the courts. In NetCoalition v. Securities and Exchange Commission, the D.C. Circuit stated as follows: "[n]o one disputes that competition for order flow is 'fierce.' … As the SEC explained, '[i]n the U.S. national market system, buyers and sellers of securities, and the broker-dealers that act as their order-routing agents, have a wide range of choices of where to route orders for execution'; [and] 'no exchange can afford to take its market

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[65]   See Securities Exchange Act Release No. 51808 (June 9, 2005), 70 FR 37496, 37499 (June 29, 2005).

share percentages for granted' because 'no exchange possesses a monopoly, regulatory or otherwise, in the execution of order flow from broker dealers'….".[66] Accordingly, the Exchange does not believe its proposed change imposes any burden on competition that is not necessary or appropriate in furtherance of the purposes of the Act.

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

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

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

The foregoing rule change has become effective pursuant to Section 19(b)(3)(A) of the Act[67] and paragraph (f) of Rule 19b-4[68] 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.

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[66]   NetCoalition v. SEC, 615 F.3d 525, 539 (D.C. Cir. 2010) (quoting Securities Exchange Act Release No. 59039 (December 2, 2008), 73 FR 74770, 74782-83 (December 9, 2008) (SR-NYSEArca-2006-21)).

[67]   15 U.S.C. 78s(b)(3)(A).

[68]   17 CFR 240.19b-4(f).

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 (https://www.sec.gov/rules/sro.shtml); or

- Send an email to rule-comments@sec.gov. Please include file number SR-CboeBZX-2026-011 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-CboeBZX-2026-011. This file number should be included on the subject line if email 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 website (https://www.sec.gov/rules/sro.shtml). Copies of the filing will be available for inspection and copying at the principal office of the Exchange. Do not include personal identifiable information in submissions; you should submit only information that you wish to make available publicly. We may redact in part or withhold entirely from publication submitted material that is obscene or subject to copyright protection. All submissions should refer to file number SR-CboeBZX-2026-011 and should be submitted

on or before [INSERT DATE 21 DAYS AFTER DATE OF PUBLICATION IN THE

FEDERAL REGISTER].

For the Commission, by the Division of Trading and Markets, pursuant to

delegated authority.[69]

Sherry R. Haywood,

Assistant Secretary.

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[69] 17 CFR 200.30-3(a)(12).

EXHIBIT 5

(additions are underlined; deletions are [bracketed])

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Rules of Cboe BZX Exchange, Inc.

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Cboe U.S. Options Fee Schedules

BZX Options

Effective [December 17, 2025]January 29, 2026

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Options Logical Port Fees

SERVICE	FEE
Logical Ports (excluding Purge Port, Multicast PITCH Spin Server Port or GRP Port)	$750/port/month
Purge Ports	$750/port/month
Multicast PITCH Spin Server	$750/set of primary (A or C feed)
GRP Ports	$750/primary (A or C feed)
Ports with Bulk Quoting Capabilities	$1,500/month for 1st and 2nd port $2,500/month for 3rd port or more
BOE Unitized Logical Port	$350/port/month
Bulk Unitized Logical Port	$550/port/month
Purge Unitized Logical Port	$400/port/month
BOE Unitized Logical Port (Set)	$2,500/month for 1st and 2nd port set $3,000/month for 3rd – 14th port set $3,500/month for 15th– 30th port set
Bulk Unitized Logical Port (Set)	$5,500/month for 1st and 2nd port set $6,000/month for 3rd – 14th port set $6,500/month for 15th– 30th port set
Purge Unitized Logical Port (Set)	$2,500/month for 1st and 2nd port set $3,000/month for 3rd – 14th port set $3,500/month for 15th– 30th port set
Certification Logical Port	$250/port/month

- Logical port fees are limited to logical ports within the primary data center. No logical port fees will be assessed for redundant secondary data center ports.
- Multicast PITCH is available through one of two primary feeds, either the A or C feed. All secondary feed Multicast PITCH Spin Server and GRP Ports are provided for redundancy at no additional cost.
- New requests will be prorated for the first month of service, except for Certification Logical Ports. Cancellation requests are billed in full month increments as firms are required to pay for the service for the remainder of the month, unless the session is terminated within the first month of service.
- Users will be entitled to receive one Certification Logical Port free of charge per each logical port type. Certification Logical Port fees only apply if the corresponding logical port type is also available in the production environment.
- Unitized Logical Ports can be purchased individually, capable of accessing a specified matching unit, or as a Unitized Logical Port Set, providing a set of Unitized Logical Ports across every available Matching Unit on a one-to-one basis. These two structures can be combined for up to a maximum of thirty (30) Unitized Logical Ports per Member, per Matching Unit, per Port Type. As an example, a Member may request twelve (12) BOE Unitized Logical Port Sets and eighteen (18) individual BOE Unitized Logical Ports for Matching Unit 1, providing a total max of thirty (30) BOE Unitized Logical Ports on Matching Unit 1 specifically. This would result in having thirty (30) BOE Unitized Logical Ports on Matching Unit 1 and twelve (12) BOE Unitized Ports on all additional Matching Units as part of the twelve (12) BOE Unitized Logical Port Sets requested. Additionally, a Member may request thirty (30) Bulk Unitized Logical Port Sets and thirty (30) Purge Unitized Logical Port Sets as those would constitute different Port Types.
- Unitized Logical Port Set fees will be assessed per set, per Port Type. As an example, if a Member requests three (3) BOE Unitized Logical Port Sets, one (1) Bulk Unitized Logical Port Set, and (1) Purge Unitized Logical Port Set, the firm would be charged $8,000 ($2,500 + $2,500 + $3,000) for the three BOE Unitized Logical Port Sets, $5,500 for the one Bulk Unitized Logical Port Set, and $2,500 for the one Purge Unitized Logical Port Set.

Average Daily Order (ADO) and Average Daily Quote (ADQ) Fees

ADQ Fee Rate per 20,000 ADQ	Fee				
	Tier 1 <= 250,000,000	Tier 2 > 250,000,000	Tier 3 >500,000,000	Tier 4 >1,000,000,000	Tier 5 >3,500,000,000
	$0.00	$0.05	$0.075	$0.10	$0.20
ADO Fee Rate per 1,000 ADO	Tier 1 <= 2,000,000	Tier 2 > 2,000,000	Tier 3 >2,500,000	Tier 4 >3,000,000	Tier 5 >3,500,000
	$0.00	$1.00	$1.50	$2.00	$2.50

- "ADO" represents the total number of orders for the month, divided by the number of trading days. "ADQ" represents the total number of quotes for the month, divided by the number of trading days. When measuring the ADO and ADQ, orders, quotes,

cancel/replace modify orders, and quote updates which submit a bid or offer are included. A Member's ADO and ADQ will be aggregated together with any affiliated Member sharing at least 75% common ownership.

- Each Firm may submit up to 2,000,000 average daily orders or up to 250,000,000 average daily quotes per calendar month without incurring ADO/ADQ fees. In the event that the average number of quotes per trading day during a calendar month submitted exceeds 250,000,000, each incremental usage of up to 20,000 average daily quotes will incur an additional fee as per the table above. Similarly, in the event that the average number of orders per trading day during a calendar month submitted exceeds 2,000,000, each incremental usage of up to 1,000 average daily orders will incur an additional ADO fee as per the table above.

- As an example, a Firm that has 510,000,000 ADQ would subsequently have 25,500 "ADQ increments" (510,000,000 ADQ / 20,000 ADQ increments). While 12,500 of the 25,500 ADQ increments are free within Tier 1, 12,500 of the ADQ increments would be fee liable at $0.050 within Tier 2, while the remaining 500 ADQ increments would be fee liable at $.075 within Tier 3, resulting in a total ADQ fee of $662.50 for the month.

Options Physical Connectivity Fees

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