

Required fields are shown with yellow backgrounds and asterisks.

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

File No. * SR 2024 - * 54

Amendment No. (req. for Amendments *)

Filing by NYSE Arca, Inc.

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

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

<input type="checkbox"/> 19b-4(f)(1)	<input type="checkbox"/> 19b-4(f)(4)
<input type="checkbox"/> 19b-4(f)(2)	<input type="checkbox"/> 19b-4(f)(5)
<input type="checkbox"/> 19b-4(f)(3)	<input checked="" type="checkbox"/> 19b-4(f)(6)

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

Proposal to amend the Connectivity Fee Schedule to provide Users with wireless connectivity to additional market data feeds

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 * Martha Last Name * Redding

Title * Associate General Counsel, NYSE Group Inc.

E-mail * Martha.Redding@ice.com

Telephone * (212) 656-2938 Fax (212) 656-8101

Signature

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

Date 06/12/2024

(Title *)

By David De Gregorio

Associate General Counsel

(Name *)

David De Gregorio

Digitally signed by David De Gregorio
Date: 2024.06.12 09:40:20 -04'00'

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.

Required fields are shown with yellow backgrounds and astericks.

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

Exhibit 1 - Notice of Proposed Rule Change *

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Ex. 1 MIAX PSX NYSE Arca.docx

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

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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

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

Exhibit 5 - Proposed Rule Text

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

Partial Amendment

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

1. Text of the Proposed Rule Change

- (a) Pursuant to the provisions of Section 19(b)(1) of the Securities Exchange Act of 1934 (the “Act”)¹ and Rule 19b-4 thereunder,² NYSE Arca, Inc. (“NYSE Arca” or the “Exchange”) proposes to amend the Connectivity Fee Schedule (“Fee Schedule”) regarding colocation services and fees to provide Users with wireless connectivity to additional market data feeds.

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

- (b) The Exchange does not believe that the proposed rule change will have any direct effect, or any significant indirect effect, on any other Exchange rule in effect at the time of this filing.
- (c) Not applicable.

2. Procedures of the Self-Regulatory Organization

Senior management has approved the proposed rule change pursuant to authority delegated to it by the Board of the Exchange. No further action is required under the Exchange’s governing documents. Therefore, the Exchange’s internal procedures with respect to the proposed rule change are complete.

The person on the Exchange staff prepared to respond to questions and comments on the proposed rule change is:

Martha Redding
Associate General Counsel
NYSE Group, Inc.
(212) 656-2938

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 the Fee Schedule regarding colocation services and fees to provide Users³ with wireless connectivity to additional market data feeds.

¹ 15 U.S.C. 78s(b)(1).

² 17 CFR 240.19b-4.

³ For purposes of the Exchange’s colocation services, a “User” means any market participant that requests to receive colocation services directly from the Exchange. See Securities Exchange Act Release No. 76010

The Exchange currently provides Users with wireless connections to nine market data feeds or combinations of feeds from third-party markets (the “Existing Third Party Data”), and wired connections to more than 45 market data feeds or combinations of feeds.⁴

The Exchange proposes to add to the Fee Schedule wireless connections (“Connectivity”) to four additional market data feeds (together, the “Proposed Third Party Data”):

- MIAX Pearl Equities Depth of Market Feed (“MIAX DoM”),⁵
- Nasdaq BX TotalView-ITCH FPGA,⁶
- Nasdaq PSX TotalView, and
- Nasdaq PSX TotalView-ITCH FPGA.⁷

As with most other Existing Third Party Data,⁸ the monthly charge for Connectivity to Proposed Third Party Data would be subject to a 30-day testing period, during which the monthly charge per connection would be waived. Consistent with that fact, the Exchange

(September 29, 2015), 80 FR 60197 (October 5, 2015) (SR-NYSEArca-2015-82). As specified in the Fee Schedule, a User that incurs colocation fees for a particular colocation service pursuant thereto would not be subject to colocation fees for the same colocation service charged by the Exchange’s affiliates the New York Stock Exchange LLC, NYSE American LLC, NYSE Chicago, Inc., and NYSE National, Inc. (together, the “Affiliate SROs”). Each Affiliate SRO has submitted substantially the same proposed rule change to propose the changes described herein. See SR-NYSE-2024-37, SR-NYSEAMER-2024-40, SR-NYSECHX-2024-24, and SR-NYSENAT-2024-20.

⁴ See Securities Exchange Act Release No. 99808 (March 20, 2024), 89 FR 21151 (March 26, 2024) (SR-NYSEArca-2024-26).

⁵ As described by MIAX PEARL, LCC, “[t]he [MIAX] DoM feed is a data feed that contains the displayed price and size of each order entered on MIAX PEARL Equities, as well as order execution information, order cancellations, order modifications, order identification numbers, and administrative messages.” Securities Exchange Act Release No. 91073 (February 5, 2021), 86 FR 9096, 9100 (February 11, 2021) (SR-PEARL-2021-02).

⁶ The difference between the Nasdaq BX TotalView feed and the Nasdaq BX TotalView-ITCH feed, which is part of the Existing Third Party Data, is the delivery mechanism: the data is the same. As described by Nasdaq BX, Inc., “BX TotalView is a real-time market data product that provides full order depth using a series of order messages to track the life of customer orders in the BX market, as well as trade data for BX executions and administrative messages such as Trading Action messages, Symbol Directory, and Event Control messages.” Securities Exchange Act Release No. 98158 (August 17, 2023), 88 FR 57505 (August 23, 2023) (SR-BX-2023-020), at 57506.

⁷ According to Nasdaq PHLX LLC, “PSX TotalView is a real-time market data product that provides full order depth using a series of order messages to track the life of customer orders in the PSX market, as well as trade data for PSX executions and administrative messages such as Trading Action messages, Symbol Directory, and Event Control messages.” Securities Exchange Act Release No. 95195 (August 21, 2023), 88 FR 58324 (August 25, 2023) (SR-Phlx-2023-37), at 58325. The difference between the two PSX TotalView feeds is the delivery mechanism: the data is the same. Id.

⁸ See Securities Exchange Act Release No. 76749 (December 23, 2015), 80 FR 81640 (December 30, 2015) (SR-NYSEArca-2015-99).

proposes to amend the Fee Schedule to clarify that this provision is applicable to Connectivity to the Proposed Third Party Data.

Users would be offered Connectivity to Proposed Third Party Data through connections into the colocation center in the Mahwah, New Jersey data center (“MDC”).⁹

The Exchange expects that the proposed Connectivity to Proposed Third Party Data would become operative during 2024. The Exchange will announce the date or dates that Connectivity to Proposed Third Party Data will be available through a customer notice.

The Exchange proposes to add the following to the Fee Schedule to reflect fees for Connectivity to Proposed Third Party Data:

Type of Service	Description	Amount of Charge
Wireless Connection for Third Party Data	Wireless connection of MIAX Pearl Equities Depth of Market Feed (DoM) data	\$5,000 per connection initial charge plus monthly charge per connection of \$6,000 Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.
Wireless Connection for Third Party Data	Wireless connection of Nasdaq BX TotalView-ITCH FPGA data	\$5,000 per connection initial charge plus monthly charge per connection of \$7,500 Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.
Wireless Connection for Third Party Data	Wireless connection of Nasdaq PSX TotalView data	\$5,000 per connection initial charge plus monthly charge per connection of \$6,000 Fees are subject to a 30-day testing period, during which the

⁹ Through its Fixed Income and Data Services (“FIDS”) (previously ICE Data Services) business, Intercontinental Exchange, Inc. (“ICE”) operates the MDC. The Exchange and the Affiliate SROs are indirect subsidiaries of ICE. The proposed services would be provided by FIDS pursuant to an agreement with a non-ICE entity. FIDS does not own the wireless network that would be used to provide the services.

		monthly charge per connection is waived.
Wireless Connection for Third Party Data	Wireless connection of Nasdaq PSX TotalView-ITCH FPGA data	\$5,000 per connection initial charge plus monthly charge per connection of \$7,500 Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.

Each proposed Connectivity service would include the use of one wireless connection port, and a User would not pay a separate fee for the use of such port, *provided that* if a User already had a port for Existing Third Party Data other than Toronto Stock Exchange data or CME Group data (“Single Port Third Party Data”), it would not receive an additional port for the Proposed Third Party Data, as one would not be needed.¹⁰ Rather, the User would be able to connect to Proposed Third Party Data using the same port that it already had, as a User would only require one port to connect to the Proposed Third Party Data and Single Port Third Party Data, irrespective of how many of the wireless connections it orders.

To receive a market data feed in the Proposed Third Party Data, the User would enter into an agreement with a third party for permission to receive the data, if required. The User would pay this third party any fees for the data content. If a User were to purchase more than one wireless connection to Proposed Third Party Data, it would pay more than one non-recurring initial charge.

Application and Impact of the Proposed Changes

The proposed changes would not apply differently to distinct types or sizes of market participants. Rather, they would apply to all Users equally. As is currently the case, the purchase of any colocation service is completely voluntary and the Fee Schedule is applied uniformly to all Users.

The Connectivity to Proposed Third Party Data was requested by Users, but the Exchange believes that it would obtain less than a handful of new customers due to the proposed change.

¹⁰ Similarly, if a User connected to Proposed Third Party Data on a port for which it did not pay a separate fee for its use, it would not receive a new port if it subsequently connected to Single Port Third Party Data. Connection to Toronto Stock Exchange data and CME Group data are excepted because they each require their own port. See Securities Exchange Act Release Nos. 80116 (February 28, 2017), 82 FR 12663 (March 6, 2017) (SR-NYSEArca-2017-18), and 98964 (November 16, 2023), 88 FR 81449 (November 22, 2023) (SR-NYSEArca-2023-79).

Competitive Environment

The Exchange operates in a highly competitive market in which other vendors offer colocation services as a means to facilitate the trading and other market activities of those market participants who believe that colocation enhances the efficiency of their operations. 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.”¹¹

As explained below in this filing, the Exchange’s proposed Connectivity to Proposed Third Party Data would compete with the wireless connections provided by at least two third parties. Third-party vendors are not at any competitive disadvantage created by the Exchange.

The proposed change is not otherwise intended to address any other issues relating to colocation services or related fees, and the Exchange is not aware of any problems that Users would have in complying with the proposed change.

(b) Statutory Basis

The Exchange believes that the proposed rule change is consistent with Section 6(b) of the Act,¹² in general, and furthers the objectives of Section 6(b)(5) of the Act,¹³ in particular, because it is designed to prevent fraudulent and manipulative acts and practices, to promote just and equitable principles of trade, to foster cooperation and coordination with persons engaged in regulating, clearing, settling, processing information with respect to, and facilitating transactions in securities, to remove impediments to and perfect the mechanism of a free and open market and a national market system, and, in general, to protect investors and the public interest and because it is not designed to permit unfair discrimination between customers, issuers, brokers, or dealers. The Exchange further believes that the proposed rule change is consistent with Section 6(b)(4) of the Act,¹⁴ because it provides for the equitable allocation of reasonable dues, fees, and other charges among its members and issuers and other persons using its facilities and does not unfairly discriminate between customers, issuers, brokers, or dealers.

The Proposed Change Is Reasonable

¹¹ See Securities Exchange Act Release No. 51808 (June 9, 2005), 70 FR 37496, 37499 (June 29, 2005).

¹² 15 U.S.C. 78f(b).

¹³ 15 U.S.C. 78f(b)(5).

¹⁴ 15 U.S.C. 78f(b)(4).

The Exchange believes that the proposed rule change is reasonable. In considering the reasonableness of proposed services and fees, the Commission’s market-based test considers “whether the exchange was subject to significant competitive forces in setting the terms of its proposal . . . , including the level of any fees.”¹⁵ If the Exchange meets that burden, “the Commission will find that its proposal is consistent with the Act unless ‘there is a substantial countervailing basis to find that the terms’ of the proposal violate the Act or the rules thereunder.”¹⁶ Here, the Exchange is subject to significant competitive forces in setting the terms on which it offers its proposal, in particular because substantially similar substitutes are available, and the Exchange has not placed the third party vendors at a competitive disadvantage created by the Exchange.

Substantially Similar Substitutes Are Available

The Exchange’s proposed Connectivity to Proposed Third Party Data would compete with other methods by which both the Exchange and various third parties already provide, or could provide, Users with connectivity to the Proposed Third Party Data.

At least two telecoms provide wireless connectivity in the MDC. A User could use such connectivity to connect to the Proposed Third Party Data. The Exchange believes that these wireless connections are at a same or similar speed as the Exchange’s proposed Connectivity, and at a similar price.¹⁷

Accordingly, the wireless connections would compete with the Exchange’s proposed Connectivity and would exert significant competitive forces on the Exchange in setting the terms of its proposal, including the level of the Exchange’s proposed fees.¹⁸ If the Exchange were to set its proposed fees too high, Users could respond by instead selecting the telecoms’ substantially similar wireless connectivity.¹⁹

¹⁵ See Securities Exchange Act Release No. 90209 (October 15, 2020), 85 FR 67044, 67049 (October 21, 2020) (Order Granting Accelerated Approval to Establish a Wireless Fee Schedule Setting Forth Available Wireless Bandwidth Connections and Wireless Market Data Connections) (SR-NYSE-2020-05, SR-NYSEAMER-2020-05, SR-NYSEARCA-2020-08, SR-NYSECHX-2020-02, SR-NYSENAT-2020-03, SR-NYSE-2020-11, SR-NYSEAMER-2020-10, SR-NYSEArca-2020-15, SR-NYSECHX-2020-05, SR-NYSENAT-2020-08) (“Wireless Approval Order”), citing Securities Exchange Act Release No. 59039 (December 2, 2008), 73 FR 74770, 74781 (December 9, 2008) (“2008 ArcaBook Approval Order”). See NetCoalition v. SEC, 615 F.3d 525 (D.C. Cir. 2010).

¹⁶ See Wireless Approval Order, supra note 15, at 67049, citing 2008 ArcaBook Approval Order, supra note 15, at 74781.

¹⁷ Because the telecoms are not regulated entities, they are not obligated to make its latency figures or fees publicly available or the same for all entities.

¹⁸ See 2008 ArcaBook Approval Order, supra note 15, at 74789 and n.295 (recognizing that products need not be identical to be substitutable).

¹⁹ In addition, the Exchange believes that at least three third-party market participants, as well as FIDS, offer fiber connections to the Proposed Third Party Data in colocation. See Securities Exchange Act Release No. 82617 (February 1, 2018), 83 FR 5500 (February 7, 2018) (SR-NYSEArca-2018-06).

Third Party Competitors Are Not at a Competitive Disadvantage Created by the Exchange

The Exchange does not believe that FIDS would have any competitive advantage over either the existing third-party telecom connections or any future providers of wireless connectivity to Proposed Third Party Data. The Exchange’s proposed service for connectivity to Proposed Third Party Data does not have any special access to or advantage within the MDC. More specifically, the Exchange’s proposed wireless connection would lead to the data center pole, from which a fiber connection would lead into the MDC. The data center pole is on the grounds of the MDC, but pursuant to Exchange rule, the distance from such pole to the patch panel where fiber connections for wireless services connect to the network row in the space used for co-location in the MDC (the “Patch Panel Point”) is normalized.²⁰

Exchange rules also require that the distance from the Patch Panel Point to each User cabinet in colocation be the same.²¹ Further, all distances in the MDC are normalized. Every provider of wireless connectivity to Users, including FIDS, is connected to the Patch Panel Point, and the length of the fiber path from the Patch Panel Point to each User cabinet in colocation is the same.

Nor does the Exchange have a competitive advantage over any third-party competitors offering wireless connectivity to the Proposed Third Party Data by virtue of the fact that it owns and operates the MDC’s meet-me-rooms. Users purchasing wireless connectivity to the Proposed Third Party Data – like Users of any other colocation service – would require a circuit connecting out of the MDC, and in most cases, such circuits are provided by third-party telecommunications service providers that have installed their equipment in the MDC’s two meet-me-rooms (“Telecoms”).²² Currently, 16 Telecoms operate in the meet-me-rooms and provide a variety of circuit choices. It is in the Exchange’s best interest to set the fees that Telecoms pay to operate in the meet-me-rooms at a reasonable level²³ so that market participants, including Telecoms, will maximize their use of the MDC. By setting the meet-me-room fees at a reasonable level, the Exchange encourages Telecoms to participate in the meet-me-rooms and to sell circuits to Users for connecting into and out of the MDC. These Telecoms then compete with each other by pricing such circuits at competitive rates. These competitive rates for circuits help draw in more Users and Hosted Customers to the MDC, which directly benefits the Exchange by increasing

²⁰ See NYSE Rule 3.13, NYSE American Rule 3.13E, NYSE Arca Rule 3.13, NYSE Chicago Rule 3.13, and NYSE National Rule 3.13 (Data Center Pole Restrictions—Connectivity to Co-Location Space) (placing restrictions on use of the data center pole designed to address any advantage that the wireless connections have by virtue of a data center pole).

²¹ See *id.*

²² Note that in the case of wireless connectivity, a User in colocation still requires a fiber circuit to transport data. If a Telecom is used, the data is transmitted wirelessly to the relevant pole, and then from the pole to the meet-me-room using a fiber circuit.

²³ See Securities Exchange Act Release No. 98000 (July 26, 2023), 88 FR 50244 (August 1, 2023) (SR-NYSEARCA-2023-47) (“MMR Notice”).

the customer base to whom the Exchange can sell its colocation services, which include cabinets, power, ports, and connectivity to many third-party data feeds, and because having more Users and Hosted Customers leads, in many cases, to greater participation on the Exchange. In this way, by setting the meet-me-room fees at a level attractive to telecommunications firms, the Exchange spurs demand for all of the services it sells at the MDC, while setting the meet-me-room fees too high would negatively affect the Exchange's ability to sell its services at the MDC.²⁴ Accordingly, there are real constraints on the meet-me-room fees the Exchange charges, such that the Exchange does not have an advantage in terms of costs when compared to third parties that enter the MDC through the meet-me-rooms to provide services to compete with the Exchange's services.

If anything, the Exchange would be subject to a competitive disadvantage vis-à-vis third-party competitors offering wireless connectivity to the Proposed Third Party Data. Third-party competitors are not subject to the Commission's filing requirements, and therefore can freely change their services and pricing in response to competitive forces. In contrast, the Exchange's service and pricing would be standardized as set out in this filing, and the Exchange would be unable to respond to pricing pressure from its competitors without seeking a formal fee change in a filing before the Commission.

In sum, because the Exchange is subject to significant competitive forces in setting the terms on which it offers its proposal, in particular because a substantially similar substitute is available, and the Exchange has not placed third-party vendors at a competitive disadvantage created by the Exchange, the proposed fees for the Exchange's Connectivity to Proposed Third Party Data are reasonable.²⁵ If the Exchange were to set its prices for Connectivity to Proposed Third Party Data at a level that Users found to be too high, Users could easily choose to connect to Proposed Third Party Data in colocation at the MDC through the competing wireless connections, as detailed above.

Additional Considerations

The Exchange believes that it is reasonable to add text to the Fee Schedule indicating that the monthly charge for the proposed Connectivity is subject to a 30-day testing period, during which the monthly charge per connection would be waived. The change would clarify that the terms on which the Connectivity to Proposed Third Party Data is offered are the same as those of most connections to Existing Third Party Data.

The Exchange believes it is reasonable that if a User already had a port for Single Port Third Party Data, it would not receive an additional port for the Proposed Third Party Data. In such a case, no additional port would be needed, as the User would be able to connect to Proposed Third Party Data using the port it already had. Similarly, the Exchange believes it is reasonable that if a User connected to Proposed Third Party Data

²⁴ See *id.* at 50246. Importantly, the Exchange is prevented from making any alteration to its meet-me-room services or fees without filing a proposal for such changes with the Commission.

²⁵ See Wireless Approval Order, *supra* note 15.

on a port for which it did not pay a separate fee for its use, it would not receive a new port if it subsequently connected to Single Port Third Party Data. This is because a User would only require one port to connect to Proposed Third Party Data and Single Port Third Party Data, irrespective of how many of the wireless connections it orders.

The Proposed Change Is an Equitable Allocation of Fees and Credits

The Exchange believes that its proposal equitably allocates its fees among Users. Without this proposed rule change, Users would have fewer options for connectivity to Proposed Third Party Data. The proposed change would provide Users with an additional choice with respect to the form and optimal latency of the connectivity they use to receive Proposed Third Party Data, allowing a User to select the connectivity that better suits its needs, helping it tailor its colocation operations to the requirements of its business operations. Users that do not opt to utilize the Exchange's proposed wireless Connectivity would still be able to connect to Proposed Third Party Data wirelessly using third party wireless connections.

The Exchange believes that the proposed change is equitable because it will result in fees being charged only to Users that voluntarily select to receive the corresponding services and because those services will be available to all Users. Furthermore, the Exchange believes that the services and fees proposed herein are equitably allocated because, in addition to the services being completely voluntary, they are available to all Users on an equal basis (i.e., the same products and services are available to all Users). All Users that voluntarily select the Exchange's proposed Connectivity to Proposed Third Party Data would be charged the same amount for the same services.

The Exchange believes it is equitable that if a User already had a port for Single Port Third Party Data, it would not receive an additional port for the Proposed Third Party Data. Similarly, the Exchange believes it is equitable that if a User connected to Proposed Third Party Data on a port for which it did not pay a separate fee for its use, it would not receive a new port if it subsequently connected to Single Port Third Party Data. This is because a User would only require one port to connect to Proposed Third Party Data and Single Port Third Party Data, irrespective of how many of the wireless connections it orders.

The Proposed Change Is Not Unfairly Discriminatory

The Exchange believes that the proposed rule change is not unfairly discriminatory, for the following reasons.

Without this proposed rule change, Users would have fewer options for Connectivity to Proposed Third Party Data. The proposed change would provide Users with an additional choice with respect to the form and optimal latency of the connectivity they use to receive Proposed Third Party Data, allowing a User to select the connectivity that better suits its needs, helping it tailor its colocation operations to the requirements of its business operations. Users that do not opt to utilize the Exchange's proposed wireless

Connectivity would still be able to connect to Proposed Third Party Data wirelessly using third party wireless connections.

The Exchange believes that the proposed change is not unfairly discriminatory because it will result in fees being charged only to Users that voluntarily select to receive the corresponding services and because those services will be available to all Users. Furthermore, the Exchange believes that the services and fees proposed herein are not unfairly discriminatory because, in addition to the services being completely voluntary, they are available to all Users on an equal basis (i.e., the same products and services are available to all Users). All Users that voluntarily select the Exchange's proposed Connectivity to Proposed Third Party Data would be charged the same amount for the same services.

The Exchange believes it is not unfairly discriminatory that if a User already had a port for Single Port Third Party Data, it would not receive an additional port for the Proposed Third Party Data. Similarly, the Exchange believes that it is not unfairly discriminatory that if a User connected to Proposed Third Party Data on a port for which it did not pay a separate fee for its use, it would not receive a new port if it subsequently connected to Single Port Third Party Data. This is because a User would only require one port to connect to Proposed Third Party Data and Single Port Third Party Data, irrespective of how many of the wireless connections it orders.

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

The Exchange believes that the proposal will not impose any burden on competition that is not necessary or appropriate in furtherance of the purposes of Section 6(b)(8) of the Act.²⁶

The proposed change would not affect competition among national securities exchanges or among members of the Exchange, but rather between FIDS and its commercial competitors. The proposed wireless Connectivity would provide Users with an alternative means of connectivity to Proposed Third Party Data. The proposed change would provide Users with an additional choice with respect to the form and optimal latency of the connectivity they use to receive Proposed Third Party Data, allowing a User to select the connectivity that better suits its needs, helping it tailor its colocation operations to the requirements of its business operations.

Users that do not opt to utilize the Exchange's proposed wireless Connectivity would still be able to connect to Proposed Third Party Data wirelessly using third party wireless connections.

The Exchange does not believe that FIDS would have any competitive advantage over either the existing third-party telecom connections or any future providers of wireless connectivity to Proposed Third Party Data. The proposed Connectivity to Proposed Third Party Data does not have any special access to or advantage within the MDC. More

²⁶ 15 U.S.C. 78f(b)(8).

specifically, the Exchange's proposed wireless connection would lead to the data center pole, from which a fiber connection would lead into the MDC. The data center pole is on the grounds of the MDC, but pursuant to Exchange rule, the distance from such pole to the Patch Panel Point is normalized.²⁷ Exchange rules also require that the distance from the Patch Panel Point to each User cabinet in colocation be the same.²⁸ Further, all distances in the MDC are normalized. Every provider of wireless connectivity to Users, including FIDS, is connected to the Patch Panel Point, and the length of the fiber path from the Patch Panel Point to each User cabinet in colocation is the same.

Adding text to the Fee Schedule indicating that the monthly charge for Connectivity to the Proposed Third Party Data is subject to a 30-day testing period, during which the monthly charge per connection would be waived, is not designed to address any competitive issues, but rather to enhance the clarity and transparency of the Fee Schedule and alleviate possible customer confusion that may arise. Nor does the Exchange have a competitive advantage over any third-party competitors offering wireless connectivity to the Proposed Third Party Data by virtue of the fact that it owns and operates the MDC's meet-me-rooms. Users purchasing wireless connectivity to the Proposed Third Party Data – like Users of any other colocation service – would require a circuit connecting out of the MDC, and in most cases, such circuits are provided by third-party Telecoms.²⁹ Currently, 16 Telecoms operate in the meet-me-rooms and provide a variety of circuit choices. It is in the Exchange's best interest to set the fees that Telecoms pay to operate in the meet-me-rooms at a reasonable level³⁰ so that market participants, including Telecoms, will maximize their use of the MDC. By setting the meet-me-room fees at a reasonable level, the Exchange encourages Telecoms to participate in the meet-me-rooms and to sell circuits to Users for connecting into and out of the MDC. These Telecoms then compete with each other by pricing such circuits at competitive rates. These competitive rates for circuits help draw in more Users and Hosted Customers to the MDC, which directly benefits the Exchange by increasing the customer base to whom the Exchange can sell its colocation services, which include cabinets, power, ports, and connectivity to many third-party data feeds, and because having more Users and Hosted Customers leads, in many cases, to greater participation on the Exchange. In this way, by setting the meet-me-room fees at a level attractive to telecommunications firms, the Exchange spurs demand for all of the services it sells at the MDC, while setting the meet-me-room fees too high would negatively affect the Exchange's ability to sell its services at the MDC.³¹ Accordingly, there are real constraints on the meet-me-room fees the Exchange charges, such that the Exchange does not have an advantage in terms of costs when compared to third parties that enter the MDC through the meet-me-rooms to provide services to compete with the Exchange's services.

²⁷ See supra note 20.

²⁸ See id.

²⁹ See supra note 22.

³⁰ See MMR Notice, supra note 23.

³¹ See id. at 50246.

If anything, the Exchange would be subject to a competitive disadvantage vis-à-vis third-party competitors offering wireless connectivity to the Proposed Third Party Data. Third-party competitors are not subject to the Commission's filing requirements, and therefore can freely change their services and pricing in response to competitive forces. In contrast, the Exchange's service and pricing would be standardized as set out in this filing, and the Exchange would be unable to respond to pricing pressure from its competitors without seeking a formal fee change in a filing before the Commission.

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

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

6. Extension of Time Period for Commission Action

Not applicable.

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

The Exchange believes that the proposal qualifies for immediate effectiveness upon filing as a "non-controversial" rule change in accordance with Section 19(b)(3)(A) of the Act³² and Rule 19b-4(f)(6) thereunder.³³

The Exchange asserts that the proposed rule change (i) will not significantly affect the protection of investors or the public interest, (ii) will not impose any significant burden on competition, and (iii) by its terms, will not become operative for 30 days after the date of this filing, or such shorter time as the Commission may designate, if consistent with the protection of investors and the public interest. In addition, the Exchange provided the Commission with written notice of its intent to file the proposed rule change, along with a brief description and text of the proposed rule change, at least five business days prior to the date of filing, or such shorter time as the Commission may designate.

The Exchange believes that the proposed rule change would not adversely affect investors or the public interest, as it would provide Users with an additional choice with respect to wireless Connectivity to Proposed Third Party Data, allowing a User to select the connectivity that better suits its needs, helping it tailor its colocation operations to the requirements of its business operations.

The Exchange further believes that the proposed rule change would not impose a burden on competition. Users that do not opt to utilize the Exchange's proposed wireless

³² 15 U.S.C. 78s(b)(3)(A).

³³ 17 CFR 240.19b-4(f)(6).

Connectivity would still be able to obtain the Proposed Third Party Data using other methods, including through using third-party wireless connections.

Adding text to the Fee Schedule indicating that the monthly charge for Connectivity to Proposed Third Party Data is subject to a 30-day testing period, during which the monthly charge per connection would be waived, is not designed to address any competitive issues, but rather to enhance the clarity and transparency of the Fee Schedule and alleviate possible customer confusion that may arise.

Accordingly, the Exchange believes that this rule change is eligible for immediately effective treatment under the Commission's current procedures for processing rule filings.³⁴

For the foregoing reasons, this rule filing qualifies for immediate effectiveness as a "non-controversial" rule change under paragraph (f)(6) of Rule 19b-4.³⁵ 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.

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

The proposed rule change is not based on the rules of another self-regulatory organization or of the Commission.

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

Not applicable.

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

Not applicable.

11. Exhibits

Exhibit 1 – Form of Notice of Proposed Rule Change for Publication in the Federal Register

Exhibit 5 – Text of the Proposed Rule Change

³⁴ See Securities Exchange Act Release No. 58092 (July 3, 2008), 73 FR 40144 (July 11, 2008) (concerning 17 CFR 200 and 241).

³⁵ 17 CFR 240.19b-4(f)(6).

SECURITIES AND EXCHANGE COMMISSION
(Release No. 34- ; File No. SR-NYSEARCA-2024-40)

[Date]

Self-Regulatory Organizations; NYSE Arca, Inc.; Notice of Filing and Immediate Effectiveness
of Proposed Rule Change to Amend the Connectivity Fee Schedule

Pursuant to Section 19(b)(1)¹ of the Securities Exchange Act of 1934 (“Act”)² and Rule 19b-4 thereunder,³ notice is hereby given that, on June 12, 2024, NYSE Arca, Inc. (“NYSE Arca” or the “Exchange”) 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 self-regulatory organization. The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

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

The Exchange proposes to amend the Connectivity Fee Schedule (“Fee Schedule”) regarding colocation services and fees to provide Users with wireless connectivity to additional market data feeds. The proposed rule change is available on the Exchange’s website at www.nyse.com, at the principal office of the Exchange, and at the Commission’s Public Reference Room.

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

In its filing with the Commission, the self-regulatory organization included statements

¹ 15 U.S.C. 78s(b)(1).

² 15 U.S.C. 78a.

³ 17 CFR 240.19b-4.

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 those 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 parts of such statements.

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

1. Purpose

The Exchange proposes to amend the Fee Schedule regarding colocation services and fees to provide Users⁴ with wireless connectivity to additional market data feeds.

The Exchange currently provides Users with wireless connections to nine market data feeds or combinations of feeds from third-party markets (the “Existing Third Party Data”), and wired connections to more than 45 market data feeds or combinations of feeds.⁵

The Exchange proposes to add to the Fee Schedule wireless connections (“Connectivity”) to four additional market data feeds (together, the “Proposed Third Party Data”):

- MIAX Pearl Equities Depth of Market Feed (“MIAX DoM”),⁶

⁴ For purposes of the Exchange’s colocation services, a “User” means any market participant that requests to receive colocation services directly from the Exchange. See Securities Exchange Act Release No. 76010 (September 29, 2015), 80 FR 60197 (October 5, 2015) (SR-NYSEArca-2015-82). As specified in the Fee Schedule, a User that incurs colocation fees for a particular colocation service pursuant thereto would not be subject to colocation fees for the same colocation service charged by the Exchange’s affiliates the New York Stock Exchange LLC, NYSE American LLC, NYSE Chicago, Inc., and NYSE National, Inc. (together, the “Affiliate SROs”). Each Affiliate SRO has submitted substantially the same proposed rule change to propose the changes described herein. See SR-NYSE-2024-37, SR-NYSEAMER-2024-40, SR-NYSECHX-2024-24, and SR-NYSENAT-2024-20.

⁵ See Securities Exchange Act Release No. 99808 (March 20, 2024), 89 FR 21151 (March 26, 2024) (SR NYSEArca-2024-26).

⁶ As described by MIAX PEARL, LCC, “[t]he [MIAX] DoM feed is a data feed that contains the displayed price and size of each order entered on MIAX PEARL Equities, as well as order execution information, order cancellations, order modifications, order identification numbers, and administrative messages.” Securities Exchange Act Release No. 91073 (February 5, 2021), 86 FR 9096, 9100 (February 11, 2021) (SR-PEARL-2021-02).

- Nasdaq BX TotalView-ITCH FPGA,⁷
- Nasdaq PSX TotalView, and
- Nasdaq PSX TotalView-ITCH FPGA.⁸

As with most other Existing Third Party Data,⁹ the monthly charge for Connectivity to Proposed Third Party Data would be subject to a 30-day testing period, during which the monthly charge per connection would be waived. Consistent with that fact, the Exchange proposes to amend the Fee Schedule to clarify that this provision is applicable to Connectivity to the Proposed Third Party Data.

Users would be offered Connectivity to Proposed Third Party Data through connections into the colocation center in the Mahwah, New Jersey data center (“MDC”).¹⁰

The Exchange expects that the proposed Connectivity to Proposed Third Party Data would become operative during 2024. The Exchange will announce the date or dates that Connectivity to Proposed Third Party Data will be available through a customer notice.

⁷ The difference between the Nasdaq BX TotalView feed and the Nasdaq BX TotalView-ITCH feed, which is part of the Existing Third Party Data, is the delivery mechanism: the data is the same. As described by Nasdaq BX, Inc., “BX TotalView is a real-time market data product that provides full order depth using a series of order messages to track the life of customer orders in the BX market, as well as trade data for BX executions and administrative messages such as Trading Action messages, Symbol Directory, and Event Control messages.” Securities Exchange Act Release No. 98158 (August 17, 2023), 88 FR 57505 (August 23, 2023) (SR-BX-2023-020), at 57506.

⁸ According to Nasdaq PHLX LLC, “PSX TotalView is a real-time market data product that provides full order depth using a series of order messages to track the life of customer orders in the PSX market, as well as trade data for PSX executions and administrative messages such as Trading Action messages, Symbol Directory, and Event Control messages.” Securities Exchange Act Release No. 95195 (August 21, 2023), 88 FR 58324 (August 25, 2023) (SR-Phlx-2023-37), at 58325. The difference between the two PSX TotalView feeds is the delivery mechanism: the data is the same. Id.

⁹ See Securities Exchange Act Release No. 76749 (December 23, 2015), 80 FR 81640 (December 30, 2015) (SR-NYSEArca-2015-99).

¹⁰ Through its Fixed Income and Data Services (“FIDS”) (previously ICE Data Services) business, Intercontinental Exchange, Inc. (“ICE”) operates the MDC. The Exchange and the Affiliate SROs are indirect subsidiaries of ICE. The proposed services would be provided by FIDS pursuant to an agreement with a non-ICE entity. FIDS does not own the wireless network that would be used to provide the services.

The Exchange proposes to add the following to the Fee Schedule to reflect fees for Connectivity to Proposed Third Party Data:

Type of Service	Description	Amount of Charge
Wireless Connection for Third Party Data	Wireless connection of MIAX Pearl Equities Depth of Market Feed (DoM) data	\$5,000 per connection initial charge plus monthly charge per connection of \$6,000 Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.
Wireless Connection for Third Party Data	Wireless connection of Nasdaq BX TotalView-ITCH FPGA data	\$5,000 per connection initial charge plus monthly charge per connection of \$7,500 Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.
Wireless Connection for Third Party Data	Wireless connection of Nasdaq PSX TotalView data	\$5,000 per connection initial charge plus monthly charge per connection of \$6,000 Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.
Wireless Connection for Third Party Data	Wireless connection of Nasdaq PSX TotalView-ITCH FPGA data	\$5,000 per connection initial charge plus monthly charge per connection of \$7,500 Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.

Each proposed Connectivity service would include the use of one wireless connection port, and a User would not pay a separate fee for the use of such port, *provided that* if a User already had a port for Existing Third Party Data other than Toronto Stock Exchange data or CME Group data (“Single Port Third Party Data”), it would not receive an additional port for the Proposed Third Party Data, as one would not be needed.¹¹ Rather, the User would be able to connect to Proposed Third Party Data using the same port that it already had, as a User would only require one port to connect to the Proposed Third Party Data and Single Port Third Party Data, irrespective of how many of the wireless connections it orders.

To receive a market data feed in the Proposed Third Party Data, the User would enter into an agreement with a third party for permission to receive the data, if required. The User would pay this third party any fees for the data content. If a User were to purchase more than one wireless connection to Proposed Third Party Data, it would pay more than one non-recurring initial charge.

Application and Impact of the Proposed Changes

The proposed changes would not apply differently to distinct types or sizes of market participants. Rather, they would apply to all Users equally. As is currently the case, the purchase of any colocation service is completely voluntary and the Fee Schedule is applied uniformly to all Users.

The Connectivity to Proposed Third Party Data was requested by Users, but the Exchange believes that it would obtain less than a handful of new customers due to the proposed

¹¹ Similarly, if a User connected to Proposed Third Party Data on a port for which it did not pay a separate fee for its use, it would not receive a new port if it subsequently connected to Single Port Third Party Data. Connection to Toronto Stock Exchange data and CME Group data are excepted because they each require their own port. See Securities Exchange Act Release Nos. 80116 (February 28, 2017), 82 FR 12663 (March 6, 2017) (SR-NYSEArca-2017-18), and 98964 (November 16, 2023), 88 FR 81449 (November 22, 2023) (SR-NYSEArca-2023-79).

change.

Competitive Environment

The Exchange operates in a highly competitive market in which other vendors offer colocation services as a means to facilitate the trading and other market activities of those market participants who believe that colocation enhances the efficiency of their operations. 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.”¹²

As explained below in this filing, the Exchange’s proposed Connectivity to Proposed Third Party Data would compete with the wireless connections provided by at least two third parties. Third-party vendors are not at any competitive disadvantage created by the Exchange.

The proposed change is not otherwise intended to address any other issues relating to colocation services or related fees, and the Exchange is not aware of any problems that Users would have in complying with the proposed change.

2. Statutory Basis

The Exchange believes that the proposed rule change is consistent with Section 6(b) of the Act,¹³ in general, and furthers the objectives of Section 6(b)(5) of the Act,¹⁴ in particular, because it is designed to prevent fraudulent and manipulative acts and practices, to promote just

¹² See Securities Exchange Act Release No. 51808 (June 9, 2005), 70 FR 37496, 37499 (June 29, 2005).

¹³ 15 U.S.C. 78f(b).

¹⁴ 15 U.S.C. 78f(b)(5).

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 and because it is not designed to permit unfair discrimination between customers, issuers, brokers, or dealers. The Exchange further believes that the proposed rule change is consistent with Section 6(b)(4) of the Act,¹⁵ because it provides for the equitable allocation of reasonable dues, fees, and other charges among its members and issuers and other persons using its facilities and does not unfairly discriminate between customers, issuers, brokers, or dealers.

The Proposed Change Is Reasonable

The Exchange believes that the proposed rule change is reasonable. In considering the reasonableness of proposed services and fees, the Commission's market-based test considers "whether the exchange was subject to significant competitive forces in setting the terms of its proposal . . . , including the level of any fees."¹⁶ If the Exchange meets that burden, "the Commission will find that its proposal is consistent with the Act unless 'there is a substantial countervailing basis to find that the terms' of the proposal violate the Act or the rules thereunder."¹⁷ Here, the Exchange is subject to significant competitive forces in setting the terms

¹⁵ 15 U.S.C. 78f(b)(4).

¹⁶ See Securities Exchange Act Release No. 90209 (October 15, 2020), 85 FR 67044, 67049 (October 21, 2020) (Order Granting Accelerated Approval to Establish a Wireless Fee Schedule Setting Forth Available Wireless Bandwidth Connections and Wireless Market Data Connections) (SR-NYSE-2020-05, SR-NYSEAMER-2020-05, SR-NYSEARCA-2020-08, SR-NYSECHX-2020-02, SR-NYSEENAT-2020-03, SR-NYSE-2020-11, SR-NYSEAMER-2020-10, SR-NYSEARCA-2020-15, SR-NYSECHX-2020-05, SR-NYSEENAT-2020-08) ("Wireless Approval Order"), citing Securities Exchange Act Release No. 59039 (December 2, 2008), 73 FR 74770, 74781 (December 9, 2008) ("2008 ArcaBook Approval Order"). See NetCoalition v. SEC, 615 F.3d 525 (D.C. Cir. 2010).

¹⁷ See Wireless Approval Order, supra note 16, at 67049, citing 2008 ArcaBook Approval Order, supra note 16, at 74781.

on which it offers its proposal, in particular because substantially similar substitutes are available, and the Exchange has not placed the third party vendors at a competitive disadvantage created by the Exchange.

Substantially Similar Substitutes Are Available

The Exchange's proposed Connectivity to Proposed Third Party Data would compete with other methods by which both the Exchange and various third parties already provide, or could provide, Users with connectivity to the Proposed Third Party Data.

At least two telecoms provide wireless connectivity in the MDC. A User could use such connectivity to connect to the Proposed Third Party Data. The Exchange believes that these wireless connections are at a same or similar speed as the Exchange's proposed Connectivity, and at a similar price.¹⁸

Accordingly, the wireless connections would compete with the Exchange's proposed Connectivity and would exert significant competitive forces on the Exchange in setting the terms of its proposal, including the level of the Exchange's proposed fees.¹⁹ If the Exchange were to set its proposed fees too high, Users could respond by instead selecting the telecoms' substantially similar wireless connectivity.²⁰

Third Party Competitors Are Not at a Competitive Disadvantage Created by the Exchange

The Exchange does not believe that FIDS would have any competitive advantage over

¹⁸ Because the telecoms are not regulated entities, they are not obligated to make its latency figures or fees publicly available or the same for all entities.

¹⁹ See 2008 ArcaBook Approval Order, *supra* note 16, at 74789 and n.295 (recognizing that products need not be identical to be substitutable).

²⁰ In addition, the Exchange believes that at least three third-party market participants, as well as FIDS, offer fiber connections to the Proposed Third Party Data in colocation. See Securities Exchange Act Release No. 82617 (February 1, 2018), 83 FR 5500 (February 7, 2018) (SR-NYSEArca-2018-06).

either the existing third-party telecom connections or any future providers of wireless connectivity to Proposed Third Party Data. The Exchange's proposed service for connectivity to Proposed Third Party Data does not have any special access to or advantage within the MDC. More specifically, the Exchange's proposed wireless connection would lead to the data center pole, from which a fiber connection would lead into the MDC. The data center pole is on the grounds of the MDC, but pursuant to Exchange rule, the distance from such pole to the patch panel where fiber connections for wireless services connect to the network row in the space used for co-location in the MDC (the "Patch Panel Point") is normalized.²¹

Exchange rules also require that the distance from the Patch Panel Point to each User cabinet in colocation be the same.²² Further, all distances in the MDC are normalized. Every provider of wireless connectivity to Users, including FIDS, is connected to the Patch Panel Point, and the length of the fiber path from the Patch Panel Point to each User cabinet in colocation is the same.

Nor does the Exchange have a competitive advantage over any third-party competitors offering wireless connectivity to the Proposed Third Party Data by virtue of the fact that it owns and operates the MDC's meet-me-rooms. Users purchasing wireless connectivity to the Proposed Third Party Data – like Users of any other colocation service – would require a circuit connecting out of the MDC, and in most cases, such circuits are provided by third-party telecommunications service providers that have installed their equipment in the MDC's two meet-me-rooms ("Telecoms").²³ Currently, 16 Telecoms operate in the meet-me-rooms and

²¹ See NYSE Rule 3.13, NYSE American Rule 3.13E, NYSE Arca Rule 3.13, NYSE Chicago Rule 3.13, and NYSE National Rule 3.13 (Data Center Pole Restrictions—Connectivity to Co-Location Space) (placing restrictions on use of the data center pole designed to address any advantage that the wireless connections have by virtue of a data center pole).

²² See *id.*

²³ Note that in the case of wireless connectivity, a User in colocation still requires a fiber circuit to transport

provide a variety of circuit choices. It is in the Exchange's best interest to set the fees that Telecoms pay to operate in the meet-me-rooms at a reasonable level²⁴ so that market participants, including Telecoms, will maximize their use of the MDC. By setting the meet-me-room fees at a reasonable level, the Exchange encourages Telecoms to participate in the meet-me-rooms and to sell circuits to Users for connecting into and out of the MDC. These Telecoms then compete with each other by pricing such circuits at competitive rates. These competitive rates for circuits help draw in more Users and Hosted Customers to the MDC, which directly benefits the Exchange by increasing the customer base to whom the Exchange can sell its colocation services, which include cabinets, power, ports, and connectivity to many third-party data feeds, and because having more Users and Hosted Customers leads, in many cases, to greater participation on the Exchange. In this way, by setting the meet-me-room fees at a level attractive to telecommunications firms, the Exchange spurs demand for all of the services it sells at the MDC, while setting the meet-me-room fees too high would negatively affect the Exchange's ability to sell its services at the MDC.²⁵ Accordingly, there are real constraints on the meet-me-room fees the Exchange charges, such that the Exchange does not have an advantage in terms of costs when compared to third parties that enter the MDC through the meet-me-rooms to provide services to compete with the Exchange's services.

If anything, the Exchange would be subject to a competitive disadvantage vis-à-vis third-party competitors offering wireless connectivity to the Proposed Third Party Data. Third-party

data. If a Telecom is used, the data is transmitted wirelessly to the relevant pole, and then from the pole to the meet-me-room using a fiber circuit.

²⁴ See Securities Exchange Act Release No. 98000 (July 26, 2023), 88 FR 50244 (August 1, 2023) (SR-NYSEARCA-2023-47) ("MMR Notice").

²⁵ See *id.* at 50246. Importantly, the Exchange is prevented from making any alteration to its meet-me-room services or fees without filing a proposal for such changes with the Commission.

competitors are not subject to the Commission's filing requirements, and therefore can freely change their services and pricing in response to competitive forces. In contrast, the Exchange's service and pricing would be standardized as set out in this filing, and the Exchange would be unable to respond to pricing pressure from its competitors without seeking a formal fee change in a filing before the Commission.

In sum, because the Exchange is subject to significant competitive forces in setting the terms on which it offers its proposal, in particular because a substantially similar substitute is available, and the Exchange has not placed third-party vendors at a competitive disadvantage created by the Exchange, the proposed fees for the Exchange's Connectivity to Proposed Third Party Data are reasonable.²⁶ If the Exchange were to set its prices for Connectivity to Proposed Third Party Data at a level that Users found to be too high, Users could easily choose to connect to Proposed Third Party Data in colocation at the MDC through the competing wireless connections, as detailed above.

Additional Considerations

The Exchange believes that it is reasonable to add text to the Fee Schedule indicating that the monthly charge for the proposed Connectivity is subject to a 30-day testing period, during which the monthly charge per connection would be waived. The change would clarify that the terms on which the Connectivity to Proposed Third Party Data is offered are the same as those of most connections to Existing Third Party Data.

The Exchange believes it is reasonable that if a User already had a port for Single Port Third Party Data, it would not receive an additional port for the Proposed Third Party Data. In such a case, no additional port would be needed, as the User would be able to connect to

²⁶ See Wireless Approval Order, supra note 16.

Proposed Third Party Data using the port it already had. Similarly, the Exchange believes it is reasonable that if a User connected to Proposed Third Party Data on a port for which it did not pay a separate fee for its use, it would not receive a new port if it subsequently connected to Single Port Third Party Data. This is because a User would only require one port to connect to Proposed Third Party Data and Single Port Third Party Data, irrespective of how many of the wireless connections it orders.

The Proposed Change Is an Equitable Allocation of Fees and Credits

The Exchange believes that its proposal equitably allocates its fees among Users. Without this proposed rule change, Users would have fewer options for connectivity to Proposed Third Party Data. The proposed change would provide Users with an additional choice with respect to the form and optimal latency of the connectivity they use to receive Proposed Third Party Data, allowing a User to select the connectivity that better suits its needs, helping it tailor its collocation operations to the requirements of its business operations. Users that do not opt to utilize the Exchange's proposed wireless Connectivity would still be able to connect to Proposed Third Party Data wirelessly using third party wireless connections.

The Exchange believes that the proposed change is equitable because it will result in fees being charged only to Users that voluntarily select to receive the corresponding services and because those services will be available to all Users. Furthermore, the Exchange believes that the services and fees proposed herein are equitably allocated because, in addition to the services being completely voluntary, they are available to all Users on an equal basis (i.e., the same products and services are available to all Users). All Users that voluntarily select the Exchange's proposed Connectivity to Proposed Third Party Data would be charged the same amount for the same services.

The Exchange believes it is equitable that if a User already had a port for Single Port Third Party Data, it would not receive an additional port for the Proposed Third Party Data. Similarly, the Exchange believes it is equitable that if a User connected to Proposed Third Party Data on a port for which it did not pay a separate fee for its use, it would not receive a new port if it subsequently connected to Single Port Third Party Data. This is because a User would only require one port to connect to Proposed Third Party Data and Single Port Third Party Data, irrespective of how many of the wireless connections it orders.

The Proposed Change Is Not Unfairly Discriminatory

The Exchange believes that the proposed rule change is not unfairly discriminatory, for the following reasons.

Without this proposed rule change, Users would have fewer options for Connectivity to Proposed Third Party Data. The proposed change would provide Users with an additional choice with respect to the form and optimal latency of the connectivity they use to receive Proposed Third Party Data, allowing a User to select the connectivity that better suits its needs, helping it tailor its colocation operations to the requirements of its business operations. Users that do not opt to utilize the Exchange's proposed wireless Connectivity would still be able to connect to Proposed Third Party Data wirelessly using third party wireless connections.

The Exchange believes that the proposed change is not unfairly discriminatory because it will result in fees being charged only to Users that voluntarily select to receive the corresponding services and because those services will be available to all Users. Furthermore, the Exchange believes that the services and fees proposed herein are not unfairly discriminatory because, in addition to the services being completely voluntary, they are available to all Users on an equal basis (i.e., the same products and services are available to all Users). All Users that voluntarily

select the Exchange's proposed Connectivity to Proposed Third Party Data would be charged the same amount for the same services.

The Exchange believes it is not unfairly discriminatory that if a User already had a port for Single Port Third Party Data, it would not receive an additional port for the Proposed Third Party Data. Similarly, the Exchange believes that it is not unfairly discriminatory that if a User connected to Proposed Third Party Data on a port for which it did not pay a separate fee for its use, it would not receive a new port if it subsequently connected to Single Port Third Party Data. This is because a User would only require one port to connect to Proposed Third Party Data and Single Port Third Party Data, irrespective of how many of the wireless connections it orders.

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

The Exchange believes that the proposal will not impose any burden on competition that is not necessary or appropriate in furtherance of the purposes of Section 6(b)(8) of the Act.²⁷

The proposed change would not affect competition among national securities exchanges or among members of the Exchange, but rather between FIDS and its commercial competitors. The proposed wireless Connectivity would provide Users with an alternative means of connectivity to Proposed Third Party Data. The proposed change would provide Users with an additional choice with respect to the form and optimal latency of the connectivity they use to receive Proposed Third Party Data, allowing a User to select the connectivity that better suits its needs, helping it tailor its colocation operations to the requirements of its business operations.

Users that do not opt to utilize the Exchange's proposed wireless Connectivity would still be able to connect to Proposed Third Party Data wirelessly using third party wireless connections.

²⁷ 15 U.S.C. 78f(b)(8).

The Exchange does not believe that FIDS would have any competitive advantage over either the existing third-party telecom connections or any future providers of wireless connectivity to Proposed Third Party Data. The proposed Connectivity to Proposed Third Party Data does not have any special access to or advantage within the MDC. More specifically, the Exchange's proposed wireless connection would lead to the data center pole, from which a fiber connection would lead into the MDC. The data center pole is on the grounds of the MDC, but pursuant to Exchange rule, the distance from such pole to the Patch Panel Point is normalized.²⁸ Exchange rules also require that the distance from the Patch Panel Point to each User cabinet in colocation be the same.²⁹ Further, all distances in the MDC are normalized. Every provider of wireless connectivity to Users, including FIDS, is connected to the Patch Panel Point, and the length of the fiber path from the Patch Panel Point to each User cabinet in colocation is the same.

Adding text to the Fee Schedule indicating that the monthly charge for Connectivity to the Proposed Third Party Data is subject to a 30-day testing period, during which the monthly charge per connection would be waived, is not designed to address any competitive issues, but rather to enhance the clarity and transparency of the Fee Schedule and alleviate possible customer confusion that may arise. Nor does the Exchange have a competitive advantage over any third-party competitors offering wireless connectivity to the Proposed Third Party Data by virtue of the fact that it owns and operates the MDC's meet-me-rooms. Users purchasing wireless connectivity to the Proposed Third Party Data – like Users of any other colocation service – would require a circuit connecting out of the MDC, and in most cases, such circuits are provided by third-party Telecoms.³⁰ Currently, 16 Telecoms operate in the meet-me-rooms and

²⁸ See supra note 21.

²⁹ See id.

³⁰ See supra note 23.

provide a variety of circuit choices. It is in the Exchange's best interest to set the fees that Telecoms pay to operate in the meet-me-rooms at a reasonable level³¹ so that market participants, including Telecoms, will maximize their use of the MDC. By setting the meet-me-room fees at a reasonable level, the Exchange encourages Telecoms to participate in the meet-me-rooms and to sell circuits to Users for connecting into and out of the MDC. These Telecoms then compete with each other by pricing such circuits at competitive rates. These competitive rates for circuits help draw in more Users and Hosted Customers to the MDC, which directly benefits the Exchange by increasing the customer base to whom the Exchange can sell its colocation services, which include cabinets, power, ports, and connectivity to many third-party data feeds, and because having more Users and Hosted Customers leads, in many cases, to greater participation on the Exchange. In this way, by setting the meet-me-room fees at a level attractive to telecommunications firms, the Exchange spurs demand for all of the services it sells at the MDC, while setting the meet-me-room fees too high would negatively affect the Exchange's ability to sell its services at the MDC.³² Accordingly, there are real constraints on the meet-me-room fees the Exchange charges, such that the Exchange does not have an advantage in terms of costs when compared to third parties that enter the MDC through the meet-me-rooms to provide services to compete with the Exchange's services.

If anything, the Exchange would be subject to a competitive disadvantage vis-à-vis third-party competitors offering wireless connectivity to the Proposed Third Party Data. Third-party competitors are not subject to the Commission's filing requirements, and therefore can freely change their services and pricing in response to competitive forces. In contrast, the Exchange's

³¹ See MMR Notice, supra note 24.

³² See id. at 50246.

service and pricing would be standardized as set out in this filing, and the Exchange would be unable to respond to pricing pressure from its competitors without seeking a formal fee change in a filing before the Commission.

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

No written comments were solicited or received with respect to the proposed rule change.

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

The Exchange has filed the proposed rule change pursuant to Section 19(b)(3)(A)(iii) of the Act³³ and Rule 19b-4(f)(6) thereunder.³⁴ Because the proposed rule change does not: (i) significantly affect the protection of investors or the public interest; (ii) impose any significant burden on competition; and (iii) become operative prior to 30 days from the date on which it was filed, or such shorter time as the Commission may designate, if consistent with the protection of investors and the public interest, the proposed rule change has become effective pursuant to Section 19(b)(3)(A) of the Act and Rule 19b-4(f)(6)(iii) thereunder.

A proposed rule change filed under Rule 19b-4(f)(6)³⁵ normally does not become operative prior to 30 days after the date of the filing. However, pursuant to Rule 19b-4(f)(6)(iii),³⁶ the Commission may designate a shorter time if such action is consistent with the protection of investors and the public interest.

At any time within 60 days of the filing of such 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

³³ 15 U.S.C. 78s(b)(3)(A)(iii).

³⁴ 17 CFR 240.19b-4(f)(6).

³⁵ 17 CFR 240.19b-4(f)(6).

³⁶ 17 CFR 240.19b-4(f)(6)(iii).

otherwise in furtherance of the purposes of the Act. If the Commission takes such action, the Commission shall institute proceedings under Section 19(b)(2)(B)³⁷ of the Act to determine whether the proposed rule change should be approved or disapproved.

IV. Solicitation of Comments

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

Electronic Comments:

- Use the Commission's internet comment form (<https://www.sec.gov/rules/sro.shtml>); or
- Send an email to rule-comments@sec.gov. Please include file number SR-NYSEARCA-2024-54 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-NYSE- SR-NYSEARCA-2024-54. 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 submission, all subsequent amendments, all written statements with respect to the proposed rule change that are filed with the Commission, and all written communications relating to the proposed rule change between the Commission

³⁷ 15 U.S.C. 78s(b)(2)(B).

and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for website viewing and printing in the Commission's Public Reference Room, 100 F Street NE, Washington, DC 20549, on official business days between the hours of 10 a.m. and 3 p.m. Copies of the filing also 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-SR-NYSEARCA-2024-54 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.³⁸

Sherry R. Haywood,

Assistant Secretary.

³⁸ 17 CFR 200.30-3(a)(12).

Additions underscored
 Deletions [bracketed]

**New York Stock Exchange LLC
 NYSE American LLC
 NYSE Arca, Inc.
 NYSE Chicago, Inc.
 NYSE National, Inc.**

Connectivity Fee Schedule

Last Updated: [May 29]●, 2024

* * * * *

A. Co-Location Fees

* * * * *

Type of Service	Description	Amount of Charge
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* * * * *

Wireless Connection for Third Party Data	Wireless connection of CME Group data	no change
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of MIAX Pearl Equities Depth of Market Feed (DoM) data</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$6,000</u> <u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>
Wireless Connection for Third Party Data	Wireless connection of Nasdaq BX TotalView-ITCH data	\$5,000 per connection initial charge plus monthly charge per connection of \$6,000 Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of Nasdaq BX TotalView-ITCH FPGA data</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$7,500</u>

		<u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of Nasdaq PSX TotalView data</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$6,000</u> <u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of Nasdaq PSX TotalView-ITCH FPGA data</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$7,500</u> <u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>

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