

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 (<http://www.sec.gov/rules/sro.shtml>). Copies of the submission, all subsequent amendments, all written statements with respect to the proposed rule change that are filed with the Commission, and all written communications relating to the proposed rule change between the Commission and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for website viewing and printing in the Commission's Public Reference Room, 100 F Street NE, Washington, DC 20549 on official business days between the hours of 10:00 a.m. and 3:00 p.m. Copies of the filing also will be available for inspection and copying at the principal office of the Exchange. All comments received will be posted without change. Persons submitting comments are cautioned that we do not redact or edit personal identifying information from comment submissions. You should submit only information that you wish to make available publicly. All submissions should refer to File Number SR-NYSECHX-2021-04 and should be submitted on or before April 19, 2021.

For the Commission, by the Division of Trading and Markets, pursuant to delegated authority.<sup>22</sup>

**J. Matthew DeLesDernier,**  
Assistant Secretary.

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## SECURITIES AND EXCHANGE COMMISSION

[Release No. 34-91394; File No. SR-CBOE-2021-017]

### Self-Regulatory Organizations; Cboe Exchange, Inc.; Notice of Filing and Immediate Effectiveness of a Proposed Rule Change To Amend Its Fees Schedule To Adopt Reduced Fees for Academics for the Sale of Historical Intraday Open-Close Volume Data

March 23, 2021.

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (the "Act"),<sup>1</sup> and Rule 19b-4 thereunder,<sup>2</sup> notice is hereby given that on March 12, 2021, Cboe Exchange, Inc. (the

"Exchange" or "Cboe Options") filed with the Securities and Exchange Commission (the "Commission") the proposed rule change as described in Items I and II 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 Exchange, Inc. (the "Exchange" or "Cboe Options") proposes to amend its Fees Schedule to adopt reduced fees for academics for the sale of historical Intraday Open-Close volume data. The text of the proposed rule change is provided in Exhibit 5.

The text of the proposed rule change is available on the Exchange's website (<http://www.cboe.com/AboutCBOE/CBOELegalRegulatoryHome.aspx>), at the Exchange's Office of the Secretary, and at the Commission's Public Reference Room.

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

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

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

###### 1. Purpose

The Exchange proposes to amend its Fees Schedule to adopt reduced fees for academics for the sale of historical Intraday Open-Close Data product, which is currently available for purchase to Cboe Options Trading Permit Holders ("TPHs") and non-TPHs.<sup>3</sup> By way of background, the Exchange historically offered Open-Close Data, which is an end-of-day volume summary of trading activity on the Exchange at the option level by origin (customer, professional customer, broker-dealer, and market maker), side

of the market (buy or sell), price, and transaction type (opening or closing). The customer and professional customer volume is further broken down into trade size buckets (less than 100 contracts, 100–199 contracts, greater than 199 contracts). The Open-Close Data is proprietary Cboe Options trade data and does not include trade data from any other exchange. It is also a historical data product and not a real-time data feed. The recently adopted Intraday Open-Close Data provides similar information to that of Open-Close Data but is produced and updated every 10 minutes during the trading day. Data is captured in "snapshots" taken every 10 minutes throughout the trading day and is available to subscribers within five minutes of the conclusion of each 10-minute period.<sup>4</sup> The Intraday Open-Close Data provides a volume summary of trading activity on the Exchange at the option level by origin (customer, professional customer, broker-dealer, and market maker), side of the market (buy or sell), and transaction type (opening or closing). The customer and professional customer volume are further broken down into trade size buckets (less than 100 contracts, 100–199 contracts, greater than 199 contracts). The Intraday Open-Close Data is also proprietary Cboe Options trade data and does not include trade data from any other exchange.

Cboe LiveVol, LLC ("LiveVol"), a wholly owned subsidiary of the Exchange's parent company, Cboe Global Markets, Inc., makes the Intraday Open-Close Data available for purchase to TPHs and non-TPHs on the LiveVol DataShop website ([datashop.cboe.com](http://datashop.cboe.com)). Customers may currently purchase Intraday Open-Close Data on a subscription basis (monthly or annually) or by ad hoc request for a specified month (historical file). The Exchange seeks only to amend the price per year for historical ad hoc requests for Intraday Open-Close Data for academic purchasers. Currently, ad hoc requests for historical Intraday Open-Close Data is available to all customers at the same price and in the same manner. The current charge for this historical Intraday Open-Close Data covering all of the Exchange's securities (Equities, Indexes & ETF's) is \$1,000 per month

<sup>4</sup> For example, subscribers to the intraday product will receive the first calculation of intraday data by approximately 9:42 a.m. ET, which represents data captured from 9:30 a.m. to 9:40 a.m. Subscribers will receive the next update at 9:52 a.m., representing the data previously provided together with data captured from 9:40 a.m. through 9:50 a.m., and so forth. Each update will represent the aggregate data captured from the current "snapshot" and all previous "snapshots."

<sup>22</sup> 17 CFR 200.30-3(a)(12).

<sup>1</sup> 15 U.S.C. 78s(b)(1).

<sup>2</sup> 17 CFR 240.19b-4.

<sup>3</sup> The Exchange initially filed the proposed fee changes on March 1, 2021 (SR-CBOE-2021-016). On March 12, 2021, the Exchange withdrew that filing and submitted this filing.

(i.e., \$12,000 per year). The Exchange now proposes to charge qualifying academic purchasers \$3,000 per year for the first year (instead of \$12,000 per year) and \$250 per month thereafter for historical Intraday Open-Close Data covering all of the Exchange's securities. Particularly, the Exchange believes that academic institutions and researchers provide a valuable service for the Exchange in studying and promoting the options market. Though academic institutions and researchers have need for granular options data sets, they do not trade upon the data for which they subscribe. The Exchange believes the proposed reduced fee for qualifying academic purchasers of historical Intraday Open-Close Data will encourage and promote academic studies of its market data by academic institutions. In order to qualify for the academic pricing, an academic purchaser must be (1) an accredited academic institution or member of the faculty or staff of such an institution, (2) that will use the data in independent academic research, academic journals and other publications, teaching and classroom use, or for other bona fide educational purposes (i.e., academic use). Furthermore, use of the data must be limited to faculty and students of an accredited academic institution, and any commercial or profit-seeking usage is excluded. Academic pricing will not be provided to any purchaser whose research is funded by a securities industry participant. Cboe LiveVol subscriber policies will reflect the academic discount program, and academic users interested in qualifying will be required to submit a brief application. Cboe LiveVol Business Development will have the discretion to review and approve such applications and request additional information when it deems necessary.

The Exchange notes that another exchange currently offers an academic discount for a similar data feed.<sup>5</sup> Additionally, the Exchange offers an academic discount for the similar historical Open-Close Data product.<sup>6</sup> The Exchange recognizes the high value of academic research and educational instruction and publications, and believes that the proposed academic discount for historical Intraday Open-Close Data will encourage the promotion academic research of the options industry, which will serve to benefit all market participants while

also opening up a new potential user base among students. Finally, the Exchange notes that academic purchasers' ad hoc requests of historical Intraday Open-Close Data would be educational in use and purpose, and not vocational.

## 2. Statutory Basis

The Exchange believes that the proposed rule change is consistent with the objectives of Section 6 of the Act,<sup>7</sup> in general, and furthers the objectives of Section 6(b)(4),<sup>8</sup> in particular, as it is designed to provide for the equitable allocation of reasonable dues, fees and other charges among its Members and issuers and other persons using its facilities. The Exchange also believes that the proposed rule change is consistent with the objectives of Section 6(b)(5)<sup>9</sup> 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, and, particularly, is not designed to permit unfair discrimination between customers, issuers, brokers, or dealers. Additionally, the Exchange believes the proposed rule change is consistent with the Section 6(b)(5)<sup>10</sup> requirement that the rules of an exchange not be designed to permit unfair discrimination between customers, issuers, brokers, or dealers.

In particular, the Exchange believes that the discount for qualifying academic purchasers of the ad hoc historical Intraday Open-Close Data is reasonable because academic users are not able to monetize access to the data as they do not trade on the data set. The Exchange believes the proposed discount will allow for more academic institutions and faculty members to purchase historical Intraday Open-Close Data, and, as a result, promote research and studies of the options industry to the benefit of all market participants. The Exchange believes that the proposed discount is equitable and not unfairly discriminatory because it will apply equally to all academic users that submit an application and meet the accredited academic institution or

faculty member and academic use criteria. As stated above, qualified academic users will subscribe to the data set for educational use and purposes and are not permitted to use the data for commercial or monetizing purposes, nor can qualify if they are funded by an industry participant. As a result, the Exchange believes the proposed discount is equitable and not unfairly discriminatory because it maintains equal treatment for all industry participants or other subscribers that use the data for vocational, commercial or other for-profit purposes.

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

The Exchange does not believe that the proposed rule change will impose any burden on competition that is not necessary or appropriate in furtherance of the purposes of the Act. The Exchange does not believe that the proposed rule change will impose any burden on intramarket competition that is not necessary or appropriate in furtherance of the purposes of the Act because the proposed rule change will apply to all qualifying academic purchasers uniformly. While the proposed fee reduction applies only to qualifying academic purchasers, academic purchasers' research and publications as a result of access to historical market data benefits all market participants. The Exchange also does not believe that the proposed rule change will impose any burden on intermarket competition that is not necessary or appropriate in furtherance of the purposes of the Act as other another exchange currently offers similar historical intraday data to academic users at a discounted price. Offering a discount for qualifying academic institutions and faculty members that purchase the Exchange's historical Intraday Open-Close Data may make that data more attractive to such academic users and further increase competition with exchanges that offer similar historical data products.

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

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

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

The foregoing rule change has become effective pursuant to Section 19(b)(3)(A)

<sup>5</sup> See Nasdaq ISE, Options 7 Pricing Schedule, Section 10A., Nasdaq ISE Open/Close Trade Profile Intraday.

<sup>6</sup> See Cboe Options Fees Schedule, Livevol Fees, Open Close Data.

<sup>7</sup> 15 U.S.C. 78f.

<sup>8</sup> 15 U.S.C. 78f(b)(4).

<sup>9</sup> 15 U.S.C. 78f(b)(5).

<sup>10</sup> *Id.*

of the Act<sup>11</sup> and paragraph (f)(2) of Rule 19b-4<sup>12</sup> thereunder, because it establishes a due, fee, or other charge imposed by the Exchange.

At any time within 60 days of the filing of the proposed rule change, the Commission summarily may temporarily suspend such rule change if it appears to the Commission that such action is necessary or appropriate in the public interest, for the protection of investors, or otherwise in furtherance of the purposes of the Act. If the Commission takes such action, the Commission will institute proceedings to determine whether the proposed rule change should be approved or disapproved.

#### IV. Solicitation of Comments

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

##### *Electronic Comments*

- Use the Commission's internet comment form (<http://www.sec.gov/rules/sro.shtml>); or
- Send an email to [rule-comments@sec.gov](mailto:rule-comments@sec.gov). Please include File Number SR-CBOE-2021-017 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-CBOE-2021-017. 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 (<http://www.sec.gov/rules/sro.shtml>). Copies of the submission, all subsequent amendments, all written statements with respect to the proposed rule change that are filed with the Commission, and all written communications relating to the proposed rule change between the Commission and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for website viewing and printing in the Commission's Public Reference Room, 100 F Street NE, Washington, DC 20549 on official

business days between the hours of 10:00 a.m. and 3:00 p.m. Copies of the filing also will be available for inspection and copying at the principal office of the Exchange. All comments received will be posted without change; the Commission does not edit personal identifying information from submissions. You should submit only information that you wish to make available publicly. All submissions should refer to File Number SR-CBOE-2021-017 and should be submitted on or before April 19, 2021.

For the Commission, by the Division of Trading and Markets, pursuant to delegated authority.<sup>13</sup>

**J. Matthew DeLesDernier,**

*Assistant Secretary.*

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## SECURITIES AND EXCHANGE COMMISSION

[Release No. 34-91388; File No. SR-NYSEArca-2021-15]

### Self-Regulatory Organizations; NYSE Arca, Inc.; Notice of Filing and Immediate Effectiveness of Proposed Rule Change To Amend the NYSE Arca Equities Fees and Charges and the NYSE Arca Options Fees and Charges Related to Co-Location

March 23, 2021.

Pursuant to Section 19(b)(1)<sup>1</sup> of the Securities Exchange Act of 1934 ("Act")<sup>2</sup> and Rule 19b-4 thereunder,<sup>3</sup> notice is hereby given that, on March 10, 2021, NYSE Arca, Inc. ("NYSE Arca" or "Exchange") filed with the Securities and Exchange Commission ("Commission") the proposed rule change as described in Items I and II 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 NYSE Arca Equities Fees and Charges and the NYSE Arca Options Fees and Charges (together, the "Fee Schedules") related to co-location to (i) provide Users with access to the systems, and connectivity to the data feeds, of various additional third parties; and (ii) remove obsolete text. The proposed rule change

is available on the Exchange's website at [www.nyse.com](http://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 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 its Fee Schedules related to co-location to (i) provide Users with access to the systems, and connectivity to the data feeds, of various additional third parties; and (ii) remove obsolete text.

##### Proposal To Add Additional Third Party Systems and Third Party Data Feeds

The Exchange proposes to amend the co-location<sup>4</sup> services offered by the Exchange to provide Users<sup>5</sup> with access to the systems, and connectivity to the data feeds, of various additional third parties. The Exchange proposes to make the corresponding amendments to the Exchange's Fee Schedules related to

<sup>4</sup> The Exchange initially filed rule changes relating to its co-location services with the Securities and Exchange Commission ("Commission") in 2010. See Securities Exchange Act Release No. 63275 (November 8, 2010), 75 FR 70048 (November 16, 2010) (SR-NYSEArca-2010-100). The Exchange is an indirect subsidiary of Intercontinental Exchange, Inc. ("ICE").

<sup>5</sup> For purposes of the Exchange's co-location services, a "User" means any market participant that requests to receive co-location 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 Schedules, a User that incurs co-location fees for a particular co-location service pursuant thereto would not be subject to co-location fees for the same co-location service charged by the Exchange's affiliates New York Stock Exchange LLC, NYSE American LLC, NYSE Chicago, Inc., and NYSE National, Inc. (together, the "Affiliate SROs"). See Securities Exchange Act Release No. 70173 (August 13, 2013), 78 FR 50459 (August 19, 2013) (SR-NYSEArca-2013-80). Each Affiliate SRO has submitted substantially the same proposed rule change to propose the changes described herein. See SR-NYSE-2021-15, SR-NYSEAMER-2021-13, SR-NYSECHX-2021-04, and SR-NYSENAT-2021-05.

<sup>11</sup> 15 U.S.C. 78s(b)(3)(A).

<sup>12</sup> 17 CFR 240.19b-4(f)(2).

<sup>13</sup> 17 CFR 200.30-3(a)(12).

<sup>14</sup> 15 U.S.C. 78s(b)(1).

<sup>2</sup> 15 U.S.C. 78a.

<sup>3</sup> 17 CFR 240.19b-4.