

SECURITIES AND EXCHANGE COMMISSION  
(Release No. 34-98534; File No. SR-MIAX-2023-36)

September 26, 2023

Self-Regulatory Organizations: Miami International Securities Exchange LLC; Notice of Filing of a Proposed Rule Change to Amend Exchange Rule 404, Series of Option Contracts Open for Trading.

Pursuant to the provisions of Section 19(b)(1) of the Securities Exchange Act of 1934 (“Act”)<sup>1</sup> and Rule 19b-4 thereunder,<sup>2</sup> notice is hereby given that on September 14, 2023, Miami International Securities Exchange LLC (“MIAX” or “Exchange”) filed with the Securities and Exchange Commission (“Commission”) a proposed rule change as described in Items I, II, and III below, which Items have been prepared by the Exchange. The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

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

The Exchange is filing a proposal to amend Exchange Rule 404, Series of Option Contracts Open for Trading.

The text of the proposed rule change is available on the Exchange’s website at <http://www.miaxoptions.com/rule-filings>, at MIAX’s principal office, 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

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

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

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 Rule 404, Series of Option Contracts Open for Trading. Specifically, the Exchange proposes to adopt new Interpretations and Policies .12 to Rule 404 to implement a new strike interval program for stocks that are priced less than \$2.50 and have an average daily trading volume of at least 1,000,000 shares per day for the three (3) preceding calendar months. The Exchange also proposes to amend the table in Interpretations and Policies .11 of Rule 404 to harmonize the table to the propose change.

Background

Currently, Exchange Rule 404, Series of Option Contracts Open for Trading, describes the process and procedures for listing and trading series of options<sup>3</sup> on the Exchange. Rule 404 provides for a \$2.50 Strike Price Program, where the Exchange may select up to 60 option classes<sup>4</sup> on individual stocks for which the interval of strike prices will be \$2.50 where the strike price is greater than \$25.00 but less than \$50.00.<sup>5</sup> Rule 404 also provides for a \$1 Strike Price Interval Program, where the interval between strike prices of series of options<sup>6</sup> on individual stocks may be \$1.00 or greater provided the strike price is \$50.00 or less, but not less than

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<sup>3</sup> The term “option contract” means a put or a call issued, or subject to issuance, by the Clearing Corporation pursuant to the Rules of the Clearing Corporation. See Exchange Rule 100.

<sup>4</sup> The terms “class of options” or “option class” means all option contracts covering the same underlying security. See Exchange Rule 100.

<sup>5</sup> See Exchange Rule 404(f).

<sup>6</sup> The term “series of options” means all option contracts of the same class having the same exercise price and expiration date. See Exchange Rule 100.

\$1.00.<sup>7</sup> Additionally, Rule 404 provides for a \$0.50 Strike Program.<sup>8</sup> The interval of strike prices of series of options on individual stocks may be \$0.50 or greater beginning at \$0.50 where the strike price is \$5.50 or less, but only for options classes whose underlying security closed at or below \$5.00 in its primary market on the previous trading day and which have national average daily volume that equals or exceeds 1,000 contracts per day as determined by The Options Clearing Corporation during the preceding three calendar months. The listing of \$0.50 strike prices is limited to options classes overlying no more than 20 individual stocks (the "\$0.50 Strike Program") as specifically designated by the Exchange. The Exchange may list \$0.50 strike prices on any other option classes if those classes are specifically designated by other securities exchanges that employ a similar \$0.50 Strike Program under their respective rules. A stock shall remain in the \$0.50 Strike Program until otherwise designated by the Exchange.<sup>9</sup>

#### Proposal

At this time, the Exchange proposes to adopt a new strike interval program for underlying stocks that are not in the aforementioned \$0.50 Strike Program (or the Short Term Option Series Program)<sup>10</sup> and that close below \$2.50 and have an average daily trading volume of at least 1,000,000 shares per day for the three (3) preceding calendar months. The \$0.50 Strike Program considers stocks that have a closing price at or below \$5.00 whereas the Exchange's proposal will consider stocks that have a closing price below \$2.50. Currently, there is a subset of stocks that are not included in the \$0.50 Strike Program as a result of the limitations of that program which provides that the listing of \$0.50 strike prices shall be limited to option classes overlying

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<sup>7</sup> See Interpretations and Policies .01(a) of Rule 404.

<sup>8</sup> See Interpretations and Policies .04 of Rule 404.

<sup>9</sup> Id.

<sup>10</sup> See Interpretations and Policies .02 of Rule 404.

no more than 20 individual stocks as specifically designated by the Exchange and requires a national average daily volume that equals or exceeds 1,000 contracts per day as determined by The Options Clearing Corporation during the preceding three calendar months.<sup>11</sup> Therefore, the Exchange is proposing to implement a new strike interval program termed the “Low Priced Stock Strike Price Interval Program.”

To be eligible for the inclusion in the Low Priced Stock Strike Price Interval Program, an underlying stock must (i) close below \$2.50 in its primary market on the previous trading day; and (ii) have an average daily trading volume of at least 1,000,000 shares per day for the three (3) preceding calendar months. The Exchange notes that there is no limit to the number of classes that will be eligible for inclusion in the proposed program, provided, of course, that the underlying stocks satisfy both the price and average daily trading volume requirements of the proposed program.

The Exchange also proposes that after a stock is added to the Low Priced Stock Strike Price Interval Program, the Exchange may list \$0.50 strike price intervals from \$0.50 up to \$2.00.<sup>12</sup> For the purpose of adding strikes under the Low Priced Stock Strike Price Interval Program, the “price of the underlying stock” shall be measured in the same way as “the price of the underlying security” as set forth in Rule 404A(b)(1).<sup>13</sup> Further, no additional series in \$0.50 intervals may be listed if the underlying stock closes at or above \$2.50 in its primary market. Additional series in \$0.50 intervals may not be added until the underlying stock again closes below \$2.50.

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<sup>11</sup> See Interpretations and Policies .04 of Rule 404.

<sup>12</sup> While the Exchange may list new strikes on underlying stocks that meet the eligibility requirements of the new program the Exchange will exercise its discretion and will not list strikes on underlying stocks the Exchange believes are subject to imminent delisting from their primary exchange.

<sup>13</sup> The Exchange notes this is the same methodology used in the \$1 Strike Price Interval Program. See Interpretations and Policies .01(c)(3) of Rule 404.

The Exchange's proposal addresses a gap in strike coverage for low priced stocks. The \$0.50 Strike Program considers stocks that close below \$5.00 and limits the number of option classes listed to no more than 20 individual stocks (provided that the open interest criteria is also satisfied). Whereas, the Exchange's proposal has a narrower focus, with respect to the underlying's stock price, and is targeted to those stocks that close below \$2.50 and does not limit the number of stocks that may participate in the program (provided that the average daily trading volume is also satisfied). The Exchange does not believe that any market disruptions will be encountered with the addition of these new strikes. The Exchange represents that it has the necessary capacity and surveillance programs in place to support and properly monitor trading in the proposed Low Priced Stock Strike Price Interval Program.

The Exchange believes that its average daily trading volume requirement of 1,000,000 shares is a reasonable threshold to ensure adequate liquidity in eligible underlying stocks as it is substantially greater than the thresholds used for listing options on equities, American Depository Receipts, and broad-based indexes. Specifically, underlying securities with respect to which put or call option contracts are approved for listing and trading on the Exchange must meet certain criteria as determined by the Exchange. One of those requirements is that trading volume (in all markets in which the underlying security is traded) has been at least 2,400,000 shares in the preceding twelve (12) months.<sup>14</sup> Rule 402(f) provides the criteria for listing options on American Depository Receipts ("ADRs") if they meet certain criteria and guidelines set forth in Exchange Rule 402. One of the requirements is that the average daily trading volume for the security in the U.S. markets over the three (3) months preceding the selection of the ADR for options trading is 100,000 or more shares.<sup>15</sup> Finally, the Exchange may trade options on a broad-

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<sup>14</sup> See Exchange Rule 402(b)(4).

<sup>15</sup> See Exchange Rule 402(f)(3)(ii).

based index pursuant to Rule 19b-4(e) of the Securities Exchange Act of 1934 provided a number of conditions are satisfied. One of those conditions is that each component security that accounts for at least one percent (1%) of the weight of the index has an average daily trading volume of at least 90,000 shares during the last six month period.<sup>16</sup>

Additionally, the Exchange proposes to amend the table in Interpretations and Policies .11 of Rule 404 to insert a new column to harmonize the Exchange’s proposal to the strike intervals for Short Term Options Series as described in Interpretations and Policies .02 of Rule 404. The table in Interpretations and Policies .11 is intended to limit the intervals between strikes for multiply listed equity options within the Short Term Options Series program that have an expiration date more than twenty-one days from the listing date. Specifically, the table defines the applicable strike intervals for options on underlying stocks given the closing price on the primary market on the last day of the calendar quarter, and a corresponding average daily volume of the total number of options contracts traded in a given security for the applicable calendar quarter divided by the number of trading days in the applicable calendar quarter.<sup>17</sup> However, the lowest share price column is titled “Less than \$25.” The Exchange now proposes to insert a column titled “Less than \$2.50” and to set the strike interval at \$0.50 for each average daily volume tier represented in the table. Also, the Exchange proposes to amend the heading of the column currently titled “Less than \$25,” to “\$2.50 to less than \$25” as a result of the adoption of the new proposed column, “Less than \$2.50.” The Exchange believes this change

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<sup>16</sup> See Exchange Rule 1802(d)(7).

<sup>17</sup> See Securities Exchange Release Act No. 91125 (February 21, 2021), 86 FR 10375 (February 19, 2021) (SR-BX-2020-032) (Order Granting Accelerated Approval of a Proposed Rule Change, as Modified by Amendment No. 1, To Amend Options 4, Section 5, To Limit Short Term Options Series Intervals Between Strikes That Are Available for Quoting and Trading on BX).

will remove any potential conflict between the strike intervals under the Short Term Options Series Program and those described herein under the Exchange’s proposal.

### Impact of Proposal

The Exchange recognizes that its proposal will introduce new strikes in the marketplace and further acknowledges that there has been significant effort undertaken by the industry to curb strike proliferation. This initiative has been spearheaded by the Nasdaq BX who filed an initial proposal focused on the removal, and prevention of the listing, of strikes which are extraneous and do not add value to the marketplace (the “Strike Interval Proposal”).<sup>18</sup> The Strike Interval Proposal was intended to remove repetitive and unnecessary strike listings across the weekly expiries. Specifically, the Strike Interval Proposal aimed to reduce the density of strike intervals that would be listed in the later weeks, by creating limitations for intervals between strikes which have an expiration date more than twenty-one days from the listing date.<sup>19</sup> The Strike Interval Proposal took into account OCC customer-cleared volume, using it as an appropriate proxy for demand. The Strike Interval Proposal was designed to maintain strikes where there was customer demand and eliminate strikes where there wasn’t. At the time of its proposal Nasdaq BX estimated that the Strike Interval Proposal would reduce the number of strikes it listed by 81,000.<sup>20</sup> The Exchange proposes to amend the table to define the strike interval at \$0.50 for underlying stocks with a share price of less than \$2.50. The Exchange believes this amendment will harmonize the Exchange’s proposal with the Strike Interval Proposal described above.

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<sup>18</sup> See Securities Exchange Act No. 91225 (February 12, 2021), 86 FR 10375 (February 12, 2021) (SR-BX-2020-032) (BX Strike Approval Order); see also BX Options Strike Proliferation Proposal (February 25, 2021) available at: [https:// www.nasdaq.com/solutions/bx-options-strike-proliferation-proposal](https://www.nasdaq.com/solutions/bx-options-strike-proliferation-proposal)).

<sup>19</sup> See Securities Exchange Act No. 91225 (February 12, 2021), 86 FR 10375 (February 12, 2021) (SR-BX-2020-032).

<sup>20</sup> See *id.*

The Exchange recognizes that its proposal will moderately increase the total number of option series available on the Exchange. However, the Exchange's proposal is designed to only add strikes where there is investor demand<sup>21</sup> which will improve market quality. Under the requirements for the Low Priced Stock Strike Price Interval Program as described herein, the Exchange determined that as of August 9, 2023, 106 symbols met the proposed criteria. Of those symbols 36 are currently in the \$1 Strike Price Interval Program with \$1.00 and \$2.00 strikes listed. Under the Exchange's proposal the Exchange would add the \$0.50 and \$1.50 strikes for these symbols for the current expiration terms. The remaining 70 symbols eligible under the Exchange's proposal would have \$0.50, \$1.00, \$1.50 and \$2.00 strikes added to their current expiration terms. Therefore, for the 106 symbols eligible for the Low Priced Stock Strike Price Interval Program a total of approximately 3,250 options would be added. As of August 9, 2023, the Exchange listed 1,106,550 options, therefore the additional options that would be listed under this proposal would represent a very minor increase of 0.294% in the number of options listed on the Exchange.

The Exchange does not believe that its proposal contravenes the industry's efforts to curtail unnecessary strikes. The Exchange's proposal is targeted to only underlying stocks that close at less than \$2.50 and that also meet the average daily trading volume requirement. Additionally, because the strike increment is \$0.50 there are only a total of four strikes that may be listed under the program (\$0.50, \$1.00, \$1.50, and \$2.00) for an eligible underlying stock. Finally, if an eligible underlying stock is in another program (e.g., the \$0.50 Strike Program or the \$1 Strike Price Interval Program) the number of strikes that may be added is further reduced

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<sup>21</sup> See proposed Interpretations and Policies .12(a) of Rule 404 which requires that an underlying stock have an average daily trading volume of 1,000,000 shares for the three (3) preceding months to be eligible for inclusion in the Low Priced Stock Strike Price Interval Program.

if there are pre-existing strikes as part of another strike listing program. Therefore, the Exchange does not believe that it will list any unnecessary or repetitive strikes as part of its program, and that the strikes that will be listed will improve market quality and satisfy investor demand.

The Exchange further believes that the Options Price Reporting Authority (“OPRA”), has the necessary systems capacity to handle any additional messaging traffic associated with this proposed rule change. The Exchange also believes that Members<sup>22</sup> will not have a capacity issue as a result of the proposed rule change. Finally, the Exchange believes that the additional options will serve to increase liquidity, provide additional trading and hedging opportunities for all market participants, and improve market quality.

## 2. Statutory Basis

The Exchange believes that its proposed rule change is consistent with the Act and the rules and regulations thereunder applicable to the Exchange and, in particular, the requirements of Section 6(b) of the Act,<sup>23</sup> in that 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 mechanisms of a free and open market and a national market system and, in general, to protect investors and the public interest. Additionally, the Exchange believes the proposed rule change is consistent with the Section (6)(b)(5)<sup>24</sup> requirement that the rules of an exchange not be designed to permit unfair discrimination between customers, issuers, brokers, or dealers.

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<sup>22</sup> The term “Member” means an individual or organization approved to exercise the trading rights associated with a Trading Permit. Members are deemed “members” under the Exchange Act. See Exchange Rule 100.

<sup>23</sup> 15 U.S.C. 78f(b).

<sup>24</sup> 15 U.S.C. 78(f)(b)(5).

The Exchange believes its proposal promotes just and equitable principles of trade and removes impediments to and perfects the mechanisms of a free and open market and a national market system as the Exchange has identified a subset of stocks that are trading under \$2.50 and do not have meaningful strikes available. For example, on August 9, 2023, symbol SOND closed at \$0.50 and had open interest of over 44,000 contracts and an average daily trading volume in the underlying stock of over 1,900,000 shares for the three preceding calendar months.<sup>25</sup> Currently the lowest strike listed is for \$2.50, making the lowest strike 400% away from the closing stock price. Another symbol, CTXR, closed at \$0.92 on August 9, 2023, and had open interest of over 63,000 contracts and an average daily trading volume in the underlying stock of over 1,900,000 shares for the three preceding calendar months.<sup>26</sup> Similarly, the lowest strike listed is for \$2.50, making the lowest strike more than 170% away from the closing stock price. Currently, such products have no at-the-money options, as well as no in-the-money calls or out-of-the-money puts. The Exchange's proposal will provide additional strikes in \$0.50 increments from \$0.50 up to \$2.00 to provide more meaningful trading and hedging opportunities for this subset of stocks. Given the increased granularity of strikes as proposed under the Exchange's proposal out-of-the-money puts and in-the-money calls will be created. The Exchange believes this will allow market participants to tailor their investment and hedging needs more effectively.

The Exchange believes its proposal promotes just and equitable principles of trade and removes impediments to and perfects the mechanisms of a free and open market and a national market system and, in general, protects investors and the public interest by adding strikes that

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<sup>25</sup> See Yahoo! Finance, <https://finance.yahoo.com/quote/SOND/history?p=SOND> (last visited August 10, 2023).

<sup>26</sup> See Yahoo! Finance, <https://finance.yahoo.com/quote/CTXR/history?p=CTXR> (last visited August 10, 2023).

improves market quality and satisfies investor demand. The Exchange does not believe that the number of strikes that will be added under the program will negatively impact the market. Additionally, the proposal does not run counter to the efforts undertaken by the industry to curb strike proliferation as that effort focused on the removal and prevention of extraneous strikes where there was no investor demand. The Exchange's proposal requires the satisfaction of an average daily trading volume threshold in addition to the underlying stock closing at a price below \$2.50 to be eligible for the program. The Exchange believes that the average daily trading volume threshold of the program ensures that only strikes with investor demand will be listed and fills a gap in strike interval coverage as described above. Further, being that the strike interval is \$0.50, there are only a maximum of four strikes that may be added (\$0.50, \$1.00, \$1.50, and \$2.00). Therefore, the Exchange does not believe that its proposal will undermine the industry's efforts to eliminate repetitive and unnecessary strikes in any fashion.

The Exchange believes that its average daily trading volume threshold promotes just and equitable principles of trade and removes impediments to and perfects the mechanisms of a free and open market and a national market system and, in general, protects investors and the public interest as it is designed to permit only those stocks with demonstrably high levels of trading activity to participate in the program. The Exchange notes that its average daily trading volume requirement is substantially greater than the average daily trading requirement currently in place on the Exchange for options on equity underlyings,<sup>27</sup> ADRs,<sup>28</sup> and broad-based indexes.<sup>29</sup>

The Exchange believes that the proposed rule change is consistent with Section 6(b)(1) of the Act, which provides that the Exchange be organized and have the capacity to be able to carry

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<sup>27</sup> See supra note 14.

<sup>28</sup> See supra note 15.

<sup>29</sup> See supra note 16.

out the purposes of the Act and the rules and regulations thereunder, and the rules of the Exchange. The proposed rule change allows the Exchange to respond to customer demand to provide meaningful strikes for low priced stocks. The Exchange does not believe that the proposed rule would create any capacity issue or negatively affect market functionality. Additionally, the Exchange represents that it has the necessary systems capacity to support the new options series and handle additional messaging traffic associated with this proposed rule change. The Exchange also believes that its Members will not experience any capacity issues as a result of this proposal. In addition, the Exchange represents that it believes that additional strikes for low priced stocks will serve to increase liquidity available as well and improve price efficiency by providing more trading opportunities for all market participants. The Exchange believes that the proposed rule change will benefit investors by giving them increased opportunities to execute their investment and hedging decisions.

Finally, the Exchange believes its proposal is designed to prevent fraudulent and manipulative acts and practices as options may only be listed on underlyings that satisfy the listing requirements of the Exchange as described in Exchange Rule 402, Criteria for Underlying Securities. Specifically, Rule 402 requires that underlying securities for which put or call option contracts are approved for listing and trading on the Exchange must meet the following criteria: (1) the security must be registered and be an “NMS stock” as defined in Rule 600 of Regulation NMS under the Exchange Act; (2) the security shall be characterized by a substantial number of outstanding shares that are widely held and actively traded.<sup>30</sup> Additionally, Rule 402 provides that absent exceptional circumstances, an underlying security will not be selected for options transactions unless: (1) there are a minimum of seven (7) million shares of the underlying security

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<sup>30</sup> See Exchange Rule 402(a)(1) and (2).

which are owned by persons other than those required to report their stock holdings under Section 16(a) of the Exchange Act; (2) there are a minimum of 2,000 holders of the underlying security; (3) the issuer is in compliance with any applicable requirements of the Exchange Act; and (4) trading volume (in all markets in which the underlying security is traded) has been at least 2,400,000 shares in the preceding twelve (12) months.<sup>31</sup> The Exchange's proposal does not impact the eligibility of an underlying stock to have options listed on it, but rather addresses only the listing of new additional option classes on an underlying listed on the Exchange in accordance to the Exchange's listings rules. As such, the Exchange believes that the listing requirements described in Exchange Rule 402 address potential concerns regarding possible manipulation. Additionally, in conjunction with the proposed Average Daily Volume requirement described herein, the Exchange believes any possible market manipulation is further mitigated.

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

Written comments were neither solicited nor received.

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

Within 45 days of the date of publication of this notice in the Federal Register or within such longer period (i) as the Commission may designate up to 90 days of such date if it finds such longer period to be appropriate and publishes its reasons for so finding or (ii) as to which the Exchange consents, the Commission shall: (a) by order approve or disapprove such proposed rule change, or (b) institute proceedings to determine whether the proposed rule change should be disapproved.

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<sup>31</sup> See Exchange Rule 402(b)(1),(2),(3) and (4).

#### 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](mailto:rule-comments@sec.gov). Please include file number SR-MIAX-2023-36 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-MIAX-2023-36. 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 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-MIAX-2023-36 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.<sup>32</sup>

**Sherry R. Haywood,**

*Assistant Secretary.*

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<sup>32</sup> 17 CFR 200.30-3(a)(12).