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Initial * ☑	Amendment *	Withdrawal	Section 19(b)(2) *	Sectio)(3)(A) *	Section 19(b)(3)(B) *
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Exhibit 2	Sent As Paper Document	Exhibit 3 Sent As Paper D	Document			1		
Descri	ption							
Provide	a brief description of the ac	tion (limit 250 character	rs. required when li	nitial is ch	necked '	*).		
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Propos	al to amend the Fee Sche	dule.						
Provide	ct Information e the name, telephone numb ed to respond to questions a			ne staff o	f the se	lf-regula	atory organiz	ation
First N	ame * Dimitriy		Last Name * Ko	tov				
Title *	Assistant Vice Pres	ident and Associate (Counsel					
E-mail	* dkotov@miami-hold	lings.com						
Teleph	one * (609) 897-8494	Fax						
Signat Pursua	t ure nt to the requirements of the	Securities Exchange A	ct of 1934,					
has dul	y caused this filing to be sig	ned on its behalf by the	e undersigned ther		-	rized.		
Data	10/31/2018		Assistant Vice P		Title *)	sociate	Counsel	
			ASSISTANT VICE FI	esident	anu As	SUCIAL	Couriser	
Ву	Dimitriy Kotov (Name *)							
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OMB APPROVAL

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549							
For complete Form 19b-4	instructions please refer to the EFFS website.						
Form 19b-4 Information * Add Remove View	The self-regulatory organization must provide all required information, presented in a clear and comprehensible manner, to enable the public to provide meaningful comment on the proposal and for the Commission to determine whether the proposal is consistent with the Act and applicable rules and regulations under the Act.						
Exhibit 1 - Notice of Proposed Rule Change * Add Remove View	The Notice section of this Form 19b-4 must comply with the guidelines for publication in the Federal Register as well as any requirements for electronic filing as published by the Commission (if applicable). The Office of the Federal Register (OFR) offers guidance on Federal Register publication requirements in the Federal Register Document Drafting Handbook, October 1998 Revision. For example, all references to the federal securities laws must include the corresponding cite to the United States Code in a footnote. All references to SEC rules must include the corresponding cite to the Code of Federal Regulations in a footnote. All references to Securities Exchange Act Releases must include the release number, release date, Federal Register cite, Federal Register date, and corresponding file number (e.g., SR-[SRO] -xx-xx). A material failure to comply with these guidelines will result in the proposed rule change being deemed not properly filed. See also Rule 0-3 under the Act (17 CFR 240.0-3)						
Exhibit 1A- Notice of Proposed Rule Change, Security-Based Swap Submission, or Advance Notice by Clearing Agencies * Add Remove View	The Notice section of this Form 19b-4 must comply with the guidelines for publication in the Federal Register as well as any requirements for electronic filing as published by the Commission (if applicable). The Office of the Federal Register (OFR) offers guidance on Federal Register publication requirements in the Federal Register Document Drafting Handbook, October 1998 Revision. For example, all references to the federal securities laws must include the corresponding cite to the United States Code in a footnote. All references to SEC rules must include the corresponding cite to the Code of Federal Regulations in a footnote. All references to Securities Exchange Act Releases must include the release number, release date, Federal Register cite, Federal Register date, and corresponding file number (e.g., SR-[SRO] -xx-xx). A material failure to comply with these guidelines will result in the proposed rule change, security-based swap submission, or advance notice being deemed not properly filed. See also Rule 0-3 under the Act (17 CFR 240.0-3)						
Exhibit 2 - Notices, Written Comments, Transcripts, Other Communications Add Remove View Exhibit Sent As Paper Document	Copies of notices, written comments, transcripts, other communications. If such documents cannot be filed electronically in accordance with Instruction F, they shall be filed in accordance with Instruction G.						
Exhibit 3 - Form, Report, or Questionnaire Add Remove View Exhibit Sent As Paper Document	Copies of any form, report, or questionnaire that the self-regulatory organization proposes to use to help implement or operate the proposed rule change, or that is referred to by the proposed rule change.						
Exhibit 4 - Marked CopiesAddRemoveView	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.						
Add Remove View	The self-regulatory organization may choose to attach as Exhibit 5 proposed changes to rule text in place of providing it in Item I and which may otherwise be more easily readable if provided separately from Form 19b-4. Exhibit 5 shall be considered part of the proposed rule change.						
Partial Amendment Add Remove View	If the self-regulatory organization is amending only part of the text of a lengthy proposed rule change, it may, with the Commission's permission, file only those portions of the text of the proposed rule change in which changes are being made if the filing (i.e. partial amendment) is clearly understandable on its face. Such partial amendment shall be clearly identified and marked to show deletions and additions.						

1. <u>Text of the Proposed Rule Change</u>

(a) MIAX PEARL, LLC ("MIAX PEARL" or "Exchange"), pursuant to the provisions of Section 19(b)(1) of the Securities Exchange Act of 1934 ("Act")¹ and Rule 19b-4 thereunder,² proposes to amend the MIAX PEARL Fee Schedule (the "Fee Schedule").

A notice of the proposed rule change for publication in the <u>Federal Register</u> is attached hereto as <u>Exhibit 1</u>, and a copy of the applicable section of the MIAX PEARL Fee Schedule is attached hereto as <u>Exhibit 5</u>.

(b) Not applicable.

(c) Not applicable.

2. <u>Procedures of the Self-Regulatory Organization</u>

The proposed rule change was approved by senior management of the Exchange pursuant to authority delegated by the MIAX PEARL Board of Directors on December 7, 2017. Exchange staff will advise the Board of Directors of any action taken pursuant to delegated authority. No other action by the Exchange is necessary for the filing of the proposed rule change.

Questions and comments on the proposed rule change may be directed to Dimitriy Kotov, Assistant Vice President and Associate Counsel, at (609) 897-8494.

3. <u>Self-Regulatory Organization's Statement of the Purpose of, and Statutory Basis</u> for, the Proposed Rule Change

a. <u>Purpose</u>

The Exchange proposes to amend the Add/Remove Tiered Rebates/Fees set forth in Section 1)a) of the Fee Schedule that apply to MIAX PEARL Market Makers³ to (i) add a new,

¹ 15 U.S.C. 78s(b)(1).

² 17 CFR 240.19b-4.

alternative Volume Criteria to Tier 2 based upon the total monthly volume executed by a MIAX

PEARL Market Maker in SPY, QQQ, and IWM options ("SPY/QQQ/IWM options") volume on

MIAX PEARL, expressed as a percentage of total consolidated national volume in

SPY/QQQ/IWM options; (ii) amend the "Definitions" section of the Fee Schedule to add the

following definition, "SPY/QQQ/IWM TCV" and (iii) amend the explanatory paragraph

beneath the tables in Section 1)a) of the Fee Schedule, as described below.

The Exchange currently assesses transaction rebates and fees to all market participants

which are based upon the total monthly volume executed by the Member⁴ on MIAX PEARL in

the relevant, respective origin type (not including Excluded Contracts)⁵ expressed as a

percentage of TCV.⁶ In addition, the per contract transaction rebates and fees are applied

⁵ "Excluded Contracts" means any contracts routed to an away market for execution. <u>See</u> the Definitions Section of the Fee Schedule.

⁶ "TCV" means total consolidated volume calculated as the total national volume in those classes listed on MIAX PEARL for the month for which the fees apply, excluding consolidated volume executed during the period time in which the Exchange experiences an "Exchange System Disruption" (solely in the option classes of the affected Matching Engine (as defined below)). The term Exchange System Disruption, which is defined in the Definitions section of the Fee Schedule, means an outage of a Matching Engine or collective Matching Engines for a period of two consecutive hours or more, during trading hours. The term Matching Engine, which is also defined in the Definitions section of the Fee Schedule, is a part of the MIAX PEARL electronic system that processes options orders and trades on a symbol-by-symbol basis. Some Matching Engines will process option classes with multiple root symbol, and other Matching Engines may be dedicated to one single option root symbol (for example, options on SPY may be processed by one single Matching Engine that is dedicated only to SPY). A particular root symbol may only be assigned to a single designated Matching Engine. A

³ "Market Maker" means a Member registered with the Exchange for the purpose of making markets in options contracts traded on the Exchange. <u>See</u> the Definitions Section of the Fee Schedule and Exchange Rule 100.

⁴ "Member" means an individual or organization that is registered with the Exchange pursuant to Chapter II of the Exchange Rules for purposes of trading on the Exchange as an "Electronic Exchange Member" or "Market Maker." Members are deemed "members" under the Exchange Act. <u>See</u> the Definitions Section of the Fee Schedule and Exchange Rule 100.

retroactively to all eligible volume for that origin type once the respective threshold tier ("Tier") has been reached by the Member. The Exchange aggregates the volume of Members and their Affiliates.⁷ Members that place resting liquidity, i.e., orders resting on the book of the MIAX PEARL System,⁸ are paid the specified "maker" rebate (each a "Maker"), and Members that execute against resting liquidity are assessed the specified "taker" fee (each a "Taker"). For opening transactions and ABBO uncrossing transactions, per contract transaction rebates and fees are waived for all market participants. Finally, Members are generally assessed lower transaction fees and generally receive lower rebates for order executions in standard option classes which are not in the Penny Pilot Program ("Non-Penny classes"), where Members generally are assessed higher transaction fees and generally receive higher rebates.

particular root symbol may not be assigned to multiple Matching Engines. The Exchange believes that it is reasonable and appropriate to select two consecutive hours as the amount of time necessary to constitute an Exchange System Disruption, as two hours equates to approximately 1.4% of available trading time per month. The Exchange notes that the term "Exchange System Disruption" and its meaning have no applicability outside of the Fee Schedule, as it is used solely for purposes of calculating volume for the threshold tiers in the Fee Schedule. See the Definitions Section of the Fee Schedule.

⁷ "Affiliate" means (i) an affiliate of a Member of at least 75% common ownership between the firms as reflected on each firm's Form BD, Schedule A, or (ii) the Appointed Market Maker of an Appointed EEM (or, conversely, the Appointed EEM of an Appointed Market Maker). An "Appointed Market Maker" is a MIAX PEARL Market Maker (who does not otherwise have a corporate affiliation based upon common ownership with an EEM) that has been appointed by an EEM and an "Appointed EEM" is an EEM (who does not otherwise have a corporate affiliation based upon common ownership with a MIAX PEARL Market Maker) that has been appointed by a MIAX PEARL Market Maker, pursuant to the process described in the Fee Schedule. See the Definitions Section of the Fee Schedule.

⁸ The term "System" means the automated trading system used by the Exchange for the trading of securities. <u>See</u> Exchange Rule 100.

⁹ <u>See</u> Securities Exchange Act Release No. 79778 (January 12, 2017), 82 FR 6662 (January 19, 2017)(SR-PEARL-2016-01).

Transaction rebates and	fees in Section	1)a) of the Fee Schedu	le are currently assessed

			Rebate	ontract es/Fees y Classes	Per Contract Rebates/Fees for Non-Penny Classes	
Origin	Tier	Volume Criteria	Maker	Taker	Maker**	Taker**
	1	0.00% - 0.15%	(\$0.25)	\$0.50	(\$0.30)	\$1.10
	2	Above 0.15% - 0.40%	(\$0.40)	\$0.50	(\$0.30)	\$1.10
	3	Above 0.40% - 0.65%	(\$0.40)	\$0.48	(\$0.60)	\$1.09
All MIAX PEARL Market Makers	4	Above 0.65% - 1.00% or Above 2.25% in SPY	(\$0.47)	\$0.47	(\$0.65)	\$1.08
	5	Above 1.00% - 1.40%	(\$0.48)	\$0.45	(\$0.70)	\$1.07
	6	Above 1.40%	(\$0.48)	\$0.44	(\$0.85)	\$1.06

for MIAX PEARL Market Makers according to the following table:

The Exchange proposes to add a new, alternative Volume Criteria to Tier 2 based upon the total monthly volume executed by a MIAX PEARL Market Maker collectively in SPY/QQQ/IWM options on MIAX PEARL, expressed as a percentage of total consolidated national volume in SPY/QQQ/IWM options. Pursuant to this alternative Volume Criteria, a Market Maker can now reach the Tier 2 threshold if the Market Maker's total executed monthly volume, not including Excluded Contracts, in SPY/QQQ/IWM options on MIAX PEARL is above 0.45% of total consolidated national monthly volume in SPY/QQQ/IWM options. To be clear, volume that is from resting liquidity (Maker) and taking liquidity (Taker) in SPY/QQQ/IWM options is counted towards this alternative Volume Criteria, and the 0.45% threshold does not have to be reached individually in each of the three symbols. Accordingly, a Market Maker could now qualify for Tier 2 rebates and fees which will then be applicable to all volume executed by the MIAX PEARL Market Maker on MIAX PEARL. The two Volume Criteria available for Tier 2 are now based upon either: (a) the total monthly volume executed by the Market Maker in all options classes on MIAX PEARL, not including Excluded Contracts, (as the numerator), expressed as a percentage of (divided by) TCV (as the denominator); or (b) the total monthly volume executed by the MIAX PEARL Market Maker collectively in SPY/QQQ/IWM options on MIAX PEARL, not including Excluded Contracts, (as the numerator), expressed as a percentage of (divided by) SPY/QQQ/IWM TCV (as the denominator). Once either Volume Criteria threshold in Tier 2 is reached by the Market Maker, the Tier 2 per contract rebates and fees will apply to all volume in all options classes executed by that MIAX PEARL Market Maker on MIAX PEARL. The Exchange does not propose to make any changes to the currently existing Tier 2 Volume Criteria threshold of above 0.15% to 0.40% or to the corresponding Maker rebates or Taker fees. Instead, the Exchange is simply adding an alternative method by which a MIAX PEARL Market Maker can reach Tier 2.

With the proposed changes, Section 1)a) of the Fee Schedule for Market Maker orders shall be the following:

			Per Co Rebate for Penn	-	Per Contract Rebates/Fees for Non-Penny Classes	
Origin	Tier	Volume Criteria	Maker	Taker	Maker**	Taker**
	1	0.00% - 0.15%	(\$0.25)	\$0.50	(\$0.30)	\$1.10
	2	Above 0.15% - 0.40% or Above 0.45% in SPY/QQQ/IWM	(\$0.40)	\$0.50	(\$0.30)	\$1.10
All MIAX PEARL	3	Above 0.40% - 0.65%	(\$0.40)	\$0.48	(\$0.60)	\$1.09
Market Makers	4	Above 0.65% - 1.00% or Above 2.25% in SPY	(\$0.47)	\$0.47	(\$0.65)	\$1.08
	5	Above 1.00% - 1.40%	(\$0.48)	\$0.45	(\$0.70)	\$1.07
	6	Above 1.40%	(\$0.48)	\$0.44	(\$0.85)	\$1.06

In addition to modifying the MIAX PEARL Market Maker table to insert the new, alternative Volume Criteria threshold in Tier 2, and in order to provide a clear explanation of the requirements for achieving that alternative Volume Criteria threshold in Tier 2, the Exchange is proposing to (i) amend the explanatory paragraph beneath the tables in Section 1)a) of the Fee Schedule, and (ii) add a new definition of "SPY/QQQ/IWM TCV" to the Definitions Section of the Fee Schedule. The amended explanatory paragraph will clarify that (except as otherwise set forth in the Fee Schedule) the new, alternative Volume Criteria threshold in Tier 2 for MIAX PEARL Market Makers measures volume in SPY/QQQ/IWM options on MIAX PEARL not including Excluded Contracts, as the numerator, and the SPY/QQQ/IWM TCV as the denominator. The new definition of SPY/QQQ/IWM TCV in the Definitions Section shall provide the following: "SPY/QQQ/IWM TCV" means total consolidated volume in SPY, QQQ, and IWM for the month for which the fees apply, excluding consolidated volume executed during the period of time in which the Exchange experiences an Exchange System Disruption (solely in SPY, QQQ, or IWM options).

The Exchange believes that the proposed alternative Volume Criteria threshold in Tier 2 for MIAX PEARL Market Makers will provide another opportunity for those Market Makers that concentrate their trading activity in specific options classes such as SPY/QQQ/IWM options to reach a higher tier. The Exchange believes that creating this alternative Volume Criteria will extend the Tier 2 fee incentives to Market Makers that concentrate their trading activity by sending significant volume in SPY/QQQ/IWM options as compared to other Market Makers that do trade in the broad range of products listed on the Exchange.

The proposed change is scheduled to become operative November 1, 2018.

b. <u>Statutory Basis</u>

The Exchange believes that its proposal to amend its Fee Schedule is consistent with Section 6(b) of the Act¹⁰ in general, and furthers the objectives of Section 6(b)(4) of the Act,¹¹ in that it is an equitable allocation of reasonable dues, fees and other charges among Exchange members and issuers and other persons using its facilities, and 6(b)(5) of the Act,¹² 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 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.

The Exchange's proposal to adopt the new, alternative Volume Criteria for Tier 2 based on SPY, QQQ, and IWM volume executed on the Exchange is reasonable, equitable, and not unfairly discriminatory, as it is a form of pricing based upon trading activity in a select group of symbols, which is a common practice on many U.S. options exchanges as a means to incentivize order flow to be sent to an exchange for execution in actively traded options classes. The Exchange's affiliate, Miami International Securities Exchange, LLC ("MIAX Options"), offers differentiated pricing for transactions in options underlying certain select symbols.¹³ Other

¹⁰ 15 U.S.C. 78f(b).

¹¹ 15 U.S.C. 78f(b)(4).

¹² 15 U.S.C. 78f(b)(1) and (b)(5).

¹³ <u>See MIAX Options Fee Schedule, Section 1)a)iii).</u>

options exchanges' fee schedules distinguish by symbol and specifically assess different fees and rebates for transactions in select symbols for the same market participants.¹⁴

The Exchange is offering an alternative Tier 2 Volume Criteria threshold based on SPY/QQQ/IWM options volume in Tier 2 because the Exchange believes that incentivizing Market Makers that concentrate their trading activity in SPY/QQQ/IWM options will consequently increase order flow sent to the Exchange, which will benefit all market participants through increased liquidity, tighter markets and order interaction.

The Exchange believes that the proposed non-substantive changes to (i) amend the "Definitions" section of the Fee Schedule and (ii) amend the explanatory paragraph beneath the tables in Section 1)a) of the Fee Schedule, will promote just and equitable principles of trade, remove impediments to and perfect the mechanism of a free and open market and a national market system because it will add more detail and clarity to the Fee Schedule with respect to the application of the proposed method to reach the alternative Tier 2 Volume Criteria threshold. As such, the proposed change would foster cooperation and coordination with persons engaged in facilitating transactions in securities and would remove impediments to and perfect the mechanism of a free and open market and a national market system. In particular, the Exchange believes that the proposed rule change will provide greater clarity to Members and the public regarding the Exchange's Rules, and it is in the public interest for rules to be accurate and concise so as to eliminate the potential for confusion.

¹⁴ See Cboe Options Exchange Fee Schedule; see also Nasdaq PHLX LLC Pricing Schedule, Chapter B, Section I; see further Nasdaq ISE, LLC Fee Schedule, Sections I and II.

4. <u>Self-Regulatory Organization's Statement on Burden on Competition</u>

MIAX PEARL does not believe that the proposed rule change will impose any burden on competition not necessary or appropriate in furtherance of the purposes of the Act. The proposed rule change should enable the Exchange to attract and compete for order flow with other exchanges and will encourage Market Makers to submit more volume.

Further, the Exchange believes that the proposed alternative Volume Criteria threshold in Tier 2 based on SPY/QQQ/IWM options volume applicable to MIAX PEARL Market Makers will continue to provide incentives to those Market Makers that concentrate their trading activity in SPY/QQQ/IWM options to send additional SPY, QQQ, and IWM orders and creates more opportunity for additional liquidity to the market.

The Exchange does not believe that the proposed rule change to make non-substantive clarifications to its rules will impose any burden on competition not necessary or appropriate in furtherance of the purposes of the Act. The proposed clarification to the rule text is not designed to address any competitive issues but rather is designed to add additional clarity to Members and the public regarding the Exchange's Rules, and it is in the public interest for rules to be accurate and concise so as to eliminate the potential for confusion.

The Exchange notes that it operates in a highly competitive market in which market participants can readily favor competing venues if they deem fee levels at a particular venue to be excessive. In such an environment, the Exchange must continually adjust its rebates and fees to remain competitive with other exchanges and to attract order flow. The Exchange believes that the proposed rule change reflects this competitive environment because it modifies the Exchange's fees in a manner that encourages market participants to continue to provide liquidity and to send order flow to the Exchange.

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

No written comments were either solicited or received.

6. Extension of Time Period for Commission Action

Not applicable.

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

Pursuant to Section 19(b)(3)(A)(ii) of the Act,¹⁵ and Rule 19b-4(f)(2) thereunder¹⁶ the

Exchange has designated this proposal as establishing or changing a due, fee, or other charge

imposed on any person, whether or not the person is a member of the self-regulatory

organization, which renders the proposed rule change effective upon filing.

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

Other exchanges offer improved pricing schemes for transactions in certain symbols,

including the Exchange's affiliate MIAX Options. While the Exchange is not proposing separate

pricing for transactions in SPY/QQQ/IWM options specifically, it is offering those MIAX

PEARL Market Makers who concentrate their trading activity in SPY/QQQ/IWM options the

opportunity to reach higher tier thresholds and therefore receive better pricing for its Exchange

transactions based upon its SPY/QQQ/IWM options volume.

9. <u>Security-Based Swap Submissions Filed Pursuant to Section 3C of the Act</u> Not applicable.

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

Not applicable.

- ¹⁵ 15 U.S.C. 78s(b)(3)(A)(ii).
- ¹⁶ 17 CFR 240.19b-4.

11. <u>Exhibits</u>

- 1. Notice of proposed rule for publication in the <u>Federal Register</u>.
- 5. Applicable Section of the MIAX PEARL Fee Schedule.

EXHIBIT 1

SECURITIES AND EXCHANGE COMMISSION (Release No. 34- ; File No. SR-PEARL-2018-23

October __, 2018

Self-Regulatory Organizations: Notice of Filing and Immediate Effectiveness of a Proposed Rule Change by MIAX PEARL, LLC to Amend the MIAX PEARL Fee Schedule

Pursuant to the provisions of Section 19(b)(1) of the Securities Exchange Act of 1934

("Act")¹ and Rule 19b-4 thereunder,² notice is hereby given that on October 31, 2018, MIAX

PEARL, LLC ("MIAX PEARL" 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. <u>Self-Regulatory Organization's Statement of the Terms of Substance of the Proposed</u> <u>Rule Change</u>

The Exchange is filing a proposal to amend the MIAX PEARL Fee Schedule (the "Fee

Schedule").

The text of the proposed rule change is available on the Exchange's website at

http://www.miaxoptions.com/rule-filings/pearl at MIAX PEARL's principal office, and at the

Commission's Public Reference Room.

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

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

¹ 15 U.S.C. 78s(b)(1).

² 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. <u>Self-Regulatory Organization's Statement of the Purpose of, and Statutory</u> Basis for, the Proposed Rule Change

1. <u>Purpose</u>

The Exchange proposes to amend the Add/Remove Tiered Rebates/Fees set forth in Section 1)a) of the Fee Schedule that apply to MIAX PEARL Market Makers³ to (i) add a new, alternative Volume Criteria to Tier 2 based upon the total monthly volume executed by a MIAX PEARL Market Maker in SPY, QQQ, and IWM options ("SPY/QQQ/IWM options") volume on MIAX PEARL, expressed as a percentage of total consolidated national volume in SPY/QQQ/IWM options; (ii) amend the "Definitions" section of the Fee Schedule to add the following definition, "SPY/QQQ/IWM TCV" and (iii) amend the explanatory paragraph beneath the tables in Section 1)a) of the Fee Schedule, as described below. The Exchange currently assesses transaction rebates and fees to all market participants

which are based upon the total monthly volume executed by the Member⁴ on MIAX PEARL in the relevant, respective origin type (not including Excluded Contracts)⁵ expressed as a percentage of TCV.⁶ In addition, the per contract transaction rebates and fees are applied

³ "Market Maker" means a Member registered with the Exchange for the purpose of making markets in options contracts traded on the Exchange. <u>See</u> the Definitions Section of the Fee Schedule and Exchange Rule 100.

⁴ "Member" means an individual or organization that is registered with the Exchange pursuant to Chapter II of the Exchange Rules for purposes of trading on the Exchange as an "Electronic Exchange Member" or "Market Maker." Members are deemed "members" under the Exchange Act. <u>See</u> the Definitions Section of the Fee Schedule and Exchange Rule 100.

⁵ "Excluded Contracts" means any contracts routed to an away market for execution. <u>See</u> the Definitions Section of the Fee Schedule.

⁶ "TCV" means total consolidated volume calculated as the total national volume in those classes listed on MIAX PEARL for the month for which the fees apply, excluding

retroactively to all eligible volume for that origin type once the respective threshold tier ("Tier") has been reached by the Member. The Exchange aggregates the volume of Members and their Affiliates.⁷ Members that place resting liquidity, i.e., orders resting on the book of the MIAX PEARL System,⁸ are paid the specified "maker" rebate (each a "Maker"), and Members that execute against resting liquidity are assessed the specified "taker" fee (each a "Taker"). For opening transactions and ABBO uncrossing transactions, per contract transaction rebates and fees are waived for all market participants. Finally, Members are generally assessed lower

consolidated volume executed during the period time in which the Exchange experiences an "Exchange System Disruption" (solely in the option classes of the affected Matching Engine (as defined below)). The term Exchange System Disruption, which is defined in the Definitions section of the Fee Schedule, means an outage of a Matching Engine or collective Matching Engines for a period of two consecutive hours or more, during trading hours. The term Matching Engine, which is also defined in the Definitions section of the Fee Schedule, is a part of the MIAX PEARL electronic system that processes options orders and trades on a symbol-by-symbol basis. Some Matching Engines will process option classes with multiple root symbols, and other Matching Engines may be dedicated to one single option root symbol (for example, options on SPY may be processed by one single Matching Engine that is dedicated only to SPY). A particular root symbol may only be assigned to a single designated Matching Engine. A particular root symbol may not be assigned to multiple Matching Engines. The Exchange believes that it is reasonable and appropriate to select two consecutive hours as the amount of time necessary to constitute an Exchange System Disruption, as two hours equates to approximately 1.4% of available trading time per month. The Exchange notes that the term "Exchange System Disruption" and its meaning have no applicability outside of the Fee Schedule, as it is used solely for purposes of calculating volume for the threshold tiers in the Fee Schedule. See the Definitions Section of the Fee Schedule.

⁷ "Affiliate" means (i) an affiliate of a Member of at least 75% common ownership between the firms as reflected on each firm's Form BD, Schedule A, or (ii) the Appointed Market Maker of an Appointed EEM (or, conversely, the Appointed EEM of an Appointed Market Maker). An "Appointed Market Maker" is a MIAX PEARL Market Maker (who does not otherwise have a corporate affiliation based upon common ownership with an EEM) that has been appointed by an EEM and an "Appointed EEM" is an EEM (who does not otherwise have a corporate affiliation based upon common ownership with a MIAX PEARL Market Maker) that has been appointed by a MIAX PEARL Market Maker, pursuant to the process described in the Fee Schedule. See the Definitions Section of the Fee Schedule.

⁸ The term "System" means the automated trading system used by the Exchange for the trading of securities. <u>See</u> Exchange Rule 100.

transaction fees and generally receive lower rebates for order executions in standard option classes in the Penny Pilot Program⁹ ("Penny classes") than for order executions in standard option classes which are not in the Penny Pilot Program ("Non-Penny classes"), where Members generally are assessed higher transaction fees and generally receive higher rebates.

Transaction rebates and fees in Section 1)a) of the Fee Schedule are currently assessed for MIAX PEARL Market Makers according to the following table:

			Per Co Rebate for Penn	es/Fees	Per Contract Rebates/Fees for Non-Penny Classes	
Origin	Tier	Volume Criteria	Maker	Taker	Maker**	Taker**
	1	0.00% - 0.15%	(\$0.25)	\$0.50	(\$0.30)	\$1.10
	2	Above 0.15% - 0.40%	(\$0.40)	\$0.50	(\$0.30)	\$1.10
	3	Above 0.40% - 0.65%	(\$0.40)	\$0.48	(\$0.60)	\$1.09
All MIAX PEARL Market Makers	4	Above 0.65% - 1.00% or Above 2.25% in SPY	(\$0.47)	\$0.47	(\$0.65)	\$1.08
	5	Above 1.00% - 1.40%	(\$0.48)	\$0.45	(\$0.70)	\$1.07
	6	Above 1.40%	(\$0.48)	\$0.44	(\$0.85)	\$1.06

The Exchange proposes to add a new, alternative Volume Criteria to Tier 2 based upon the total monthly volume executed by a MIAX PEARL Market Maker collectively in SPY/QQQ/IWM options on MIAX PEARL, expressed as a percentage of total consolidated national volume in SPY/QQQ/IWM options. Pursuant to this alternative Volume Criteria, a Market Maker can now reach the Tier 2 threshold if the Market Maker's total executed monthly volume, not including Excluded Contracts, in SPY/QQQ/IWM options on MIAX PEARL is above 0.45% of total consolidated national monthly volume in SPY/QQQ/IWM options. To be clear, volume that is from resting liquidity (Maker) and taking liquidity (Taker) in SPY/QQQ/IWM options is counted towards this alternative Volume Criteria, and the 0.45%

⁹ <u>See</u> Securities Exchange Act Release No. 79778 (January 12, 2017), 82 FR 6662 (January 19, 2017)(SR-PEARL-2016-01).

threshold does not have to be reached individually in each of the three symbols. Accordingly, a Market Maker could now qualify for Tier 2 rebates and fees which will then be applicable to all volume executed by the MIAX PEARL Market Maker on MIAX PEARL. The two Volume Criteria available for Tier 2 are now based upon either: (a) the total monthly volume executed by the Market Maker in all options classes on MIAX PEARL, not including Excluded Contracts, (as the numerator), expressed as a percentage of (divided by) TCV (as the denominator); or (b) the total monthly volume executed by the MIAX PEARL, not including Excluded Contracts, (as the numerator), expressed as a percentage of (divided by) SPY/QQQ/IWM options on MIAX PEARL, not including Excluded Contracts, (as the numerator), expressed as a percentage of (divided by) SPY/QQQ/IWM TCV (as the denominator). Once either Volume Criteria threshold in Tier 2 is reached by the Market Maker, the Tier 2 per contract rebates and fees will apply to all volume in all options classes executed by that MIAX PEARL Market Maker on MIAX PEARL. The Exchange does not propose to make any changes to the currently existing Tier 2 Volume Criteria threshold of above 0.15% to 0.40% or to the corresponding Maker rebates or Taker fees. Instead, the Exchange is simply adding an alternative method by which a MIAX PEARL Market Maker can reach Tier 2.

With the proposed changes, Section 1)a) of the Fee Schedule for Market Maker orders shall be the following:

			Per Co Rebate for Penn	•	Per Contract Rebates/Fees for Non-Penny Classes	
Origin	Tier	Volume Criteria	Maker	Taker	Maker**	Taker**
	1	0.00% - 0.15%	(\$0.25)	\$0.50	(\$0.30)	\$1.10
	2	Above 0.15% - 0.40% or Above 0.45% in SPY/QQQ/IWM	(\$0.40)	\$0.50	(\$0.30)	\$1.10
All MIAX PEARL	3	Above 0.40% - 0.65%	(\$0.40)	\$0.48	(\$0.60)	\$1.09
Market Makers	4	Above 0.65% - 1.00% or Above 2.25% in SPY	(\$0.47)	\$0.47	(\$0.65)	\$1.08
	5	Above 1.00% - 1.40%	(\$0.48)	\$0.45	(\$0.70)	\$1.07
	6	Above 1.40%	(\$0.48)	\$0.44	(\$0.85)	\$1.06

In addition to modifying the MIAX PEARL Market Maker table to insert the new, alternative Volume Criteria threshold in Tier 2, and in order to provide a clear explanation of the requirements for achieving that alternative Volume Criteria threshold in Tier 2, the Exchange is proposing to (i) amend the explanatory paragraph beneath the tables in Section 1)a) of the Fee Schedule, and (ii) add a new definition of "SPY/QQQ/IWM TCV" to the Definitions Section of the Fee Schedule. The amended explanatory paragraph will clarify that (except as otherwise set forth in the Fee Schedule) the new, alternative Volume Criteria threshold in Tier 2 for MIAX PEARL Market Makers measures volume in SPY/QQQ/IWM options on MIAX PEARL not including Excluded Contracts, as the numerator, and the SPY/QQQ/IWM TCV as the denominator. The new definition of SPY/QQQ/IWM TCV in the Definitions Section shall provide the following: "SPY/QQQ/IWM TCV" means total consolidated volume in SPY, QQQ, and IWM for the month for which the fees apply, excluding consolidated volume executed during the period of time in which the Exchange experiences an Exchange System Disruption (solely in SPY, QQQ, or IWM options).

The Exchange believes that the proposed alternative Volume Criteria threshold in Tier 2 for MIAX PEARL Market Makers will provide another opportunity for those Market Makers that concentrate their trading activity in specific options classes such as SPY/QQQ/IWM options to reach a higher tier. The Exchange believes that creating this alternative Volume Criteria will extend the Tier 2 fee incentives to Market Makers that concentrate their trading activity by sending significant volume in SPY/QQQ/IWM options as compared to other Market Makers that do trade in the broad range of products listed on the Exchange.

The proposed change is scheduled to become operative November 1, 2018.

2. <u>Statutory Basis</u>

The Exchange believes that its proposal to amend its Fee Schedule is consistent with Section 6(b) of the Act¹⁰ in general, and furthers the objectives of Section 6(b)(4) of the Act,¹¹ in that it is an equitable allocation of reasonable dues, fees and other charges among Exchange members and issuers and other persons using its facilities, and 6(b)(5) of the Act,¹² 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 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.

The Exchange's proposal to adopt the new, alternative Volume Criteria for Tier 2 based on SPY, QQQ, and IWM volume executed on the Exchange is reasonable, equitable, and not unfairly discriminatory, as it is a form of pricing based upon trading activity in a select group of

¹⁰ 15 U.S.C. 78f(b).

¹¹ 15 U.S.C. 78f(b)(4).

¹² 15 U.S.C. 78f(b)(1) and (b)(5).

symbols, which is a common practice on many U.S. options exchanges as a means to incentivize order flow to be sent to an exchange for execution in actively traded options classes. The Exchange's affiliate, Miami International Securities Exchange, LLC ("MIAX Options"), offers differentiated pricing for transactions in options underlying certain select symbols.¹³ Other

options exchanges' fee schedules distinguish by symbol and specifically assess different fees and rebates for transactions in select symbols for the same market participants.¹⁴

The Exchange is offering an alternative Tier 2 Volume Criteria threshold based on SPY/QQQ/IWM options volume in Tier 2 because the Exchange believes that incentivizing Market Makers that concentrate their trading activity in SPY/QQQ/IWM options will consequently increase order flow sent to the Exchange, which will benefit all market participants through increased liquidity, tighter markets and order interaction.

The Exchange believes that the proposed non-substantive changes to (i) amend the "Definitions" section of the Fee Schedule and (ii) amend the explanatory paragraph beneath the tables in Section 1)a) of the Fee Schedule, will promote just and equitable principles of trade, remove impediments to and perfect the mechanism of a free and open market and a national market system because it will add more detail and clarity to the Fee Schedule with respect to the application of the proposed method to reach the alternative Tier 2 Volume Criteria threshold. As such, the proposed change would foster cooperation and coordination with persons engaged in facilitating transactions in securities and would remove impediments to and perfect the mechanism of a free and open market and a national market system. In particular, the Exchange believes that the proposed rule change will provide greater clarity to Members and the public

¹³ <u>See MIAX Options Fee Schedule, Section 1)a)iii).</u>

¹⁴ See Cboe Options Exchange Fee Schedule; see also Nasdaq PHLX LLC Pricing Schedule, Chapter B, Section I; see further Nasdaq ISE, LLC Fee Schedule, Sections I and II.

regarding the Exchange's Rules, and it is in the public interest for rules to be accurate and concise so as to eliminate the potential for confusion.

B. <u>Self-Regulatory Organization's Statement on Burden on Competition</u>

MIAX PEARL does not believe that the proposed rule change will impose any burden on competition not necessary or appropriate in furtherance of the purposes of the Act. The proposed rule change should enable the Exchange to attract and compete for order flow with other exchanges and will encourage Market Makers to submit more volume.

Further, the Exchange believes that the proposed alternative Volume Criteria threshold in Tier 2 based on SPY/QQQ/IWM options volume applicable to MIAX PEARL Market Makers will continue to provide incentives to those Market Makers that concentrate their trading activity in SPY/QQQ/IWM options to send additional SPY, QQQ, and IWM orders and creates more opportunity for additional liquidity to the market.

The Exchange does not believe that the proposed rule change to make non-substantive clarifications to its rules will impose any burden on competition not necessary or appropriate in furtherance of the purposes of the Act. The proposed clarification to the rule text is not designed to address any competitive issues but rather is designed to add additional clarity to Members and the public regarding the Exchange's Rules, and it is in the public interest for rules to be accurate and concise so as to eliminate the potential for confusion.

The Exchange notes that it operates in a highly competitive market in which market participants can readily favor competing venues if they deem fee levels at a particular venue to be excessive. In such an environment, the Exchange must continually adjust its rebates and fees to remain competitive with other exchanges and to attract order flow. The Exchange believes that the proposed rule change reflects this competitive environment because it modifies the Exchange's fees in a manner that encourages market participants to continue to provide liquidity and to send order flow to the Exchange.

C. <u>Self-Regulatory Organization's Statement on Comments on the Proposed Rule</u> 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

The foregoing rule change has become effective pursuant to Section 19(b)(3)(A)(ii) of the Act,¹⁵ and Rule $19b-4(f)(2)^{16}$ thereunder. At any time within 60 days of the filing of the proposed rule change, the Commission summarily may temporarily suspend such rule change if it appears to the Commission that such action is necessary or appropriate in the public interest, for the protection of investors, or otherwise in furtherance of the purposes of the Act. If the Commission takes such action, the Commission shall institute proceedings to determine whether the proposed rule 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 (<u>http://www.sec.gov/rules/sro.shtml</u>);
 or
- Send an e-mail to rule-comments@sec.gov. Please include File Number SR-PEARL-2018-23 on the subject line.

¹⁵ 15 U.S.C. 78s(b)(3)(A)(ii).

¹⁶ 17 CFR 240.19b-4(f)(2).

Paper comments:

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

All submissions should refer to File Number SR-PEARL-2018-23. This file number should be included on the subject line if e-mail is used. To help the Commission process and review your comments more efficiently, please use only one method. The Commission will post all comments on the Commission's Internet Web site (http://www.sec.gov/rules/sro.shtml).

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

All submissions should refer to File Number SR-PEARL-2018-23 and should be submitted on or before [insert date 21 days from publication in the <u>Federal Register</u>]. For the Commission, by the Division of Trading and Markets, pursuant to delegated authority.¹⁷

Brent J. Fields Secretary

¹⁷ 17 CFR 200.30-3(a)(12).

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Exhibit 5

New text is <u>underlined;</u> Deleted text is in [brackets]

MIAX PEARL Fee Schedule

Definitions

"SPY TCV" means total consolidated volume in SPY calculated as the total national volume in SPY for the month for which the fees apply, excluding consolidated volume executed during the period of time in which the Exchange experiences an Exchange System Disruption (solely in SPY options).

<u>"SPY/QQQ/IWM TCV" means total consolidated volume in SPY, QQQ, and IWM calculated as the total national volume in SPY, QQQ, and IWM for the month for which the fees apply, excluding consolidated volume executed during the period of time in which the Exchange experiences an Exchange System Disruption (solely in SPY, QQQ, or IWM options).</u>

"TCV" means total consolidated volume calculated as the total national volume in those classes listed on MIAX PEARL for the month for which the fees apply, excluding consolidated volume executed during the period of time in which the Exchange experiences an Exchange System Disruption (solely in the option classes of the affected Matching Engine).

1) Transaction Rebates/Fees

a) Exchange Rebates/Fees – Add/Remove Tiered Rebates/Fees

				Per Reb for Pe	Per Contract Rebates/Fees for Non-Penny Classes			
Origin	Tier	Volume Criteria	Maker	MakerSPYQQQ, IWM,Taker*TakerVXX Taker				Taker
	1	0.00% - 0.10%	(\$0.25)	\$0.48	\$0.43	\$0.47	(\$0.85)	\$0. 84
	2	Above 0.10% - 0.35%	(\$0.40)	\$0.46	\$0.43	\$0.46	(\$0.95)	\$0. 84
Priority	3	Above 0.35% - 0.50%	(\$0.45)	\$0.44	\$0.42	\$0.44	(\$1.00)	\$0. 84
Customer	4	Above 0.50% - 0.75%	(\$0.52)	\$0.44	\$0.41	\$0.43	(\$1.03)	\$0.84
	5	Above 0.75% - 1.25%	(\$0.53)	\$0.44	\$0.40	\$0.42	(\$1.04)	\$0.84
	6	Above 1.25%	(\$0.53)	\$0.43	\$0.38	\$0.40	(\$1.04)	\$0.84

* For all Penny Classes other than SPY, QQQ, IWM, and VXX.

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				ontract es/Fees y Classes	Per Contract Rebates/Fees for Non-Penny Classes	
Origin	Tier	Volume Criteria	Maker	Taker	Maker**	Taker**
	1	0.00% - 0.15%	(\$0.25)	\$0.50	(\$0.30)	\$1.10
	2	Above 0.15% - 0.40% <u>or</u> <u>Above 0.45% in SPY/QQQ/IWM</u>	(\$0.40)	\$0.50	(\$0.30)	\$1.10
All MIAX PEARL	3	Above 0.40% - 0.65%	(\$0.40)	\$0.48	(\$0.60)	\$1.09
Market Makers	4	Above 0.65% - 1.00% or Above 2.25% in SPY	(\$0.47)	\$0.47	(\$0.65)	\$1.08
	5	Above 1.00% - 1.40%	(\$0.48)	\$0.45	(\$0.70)	\$1.07
	6	Above 1.40%	(\$0.48)	\$0.44	(\$0.85)	\$1.06

			Per Contract for Penn	•	Per Contract Rebates/Fees for Non-Penny Classes	
Origin	Tier	Volume Criteria	Maker^	Taker	Maker**^	Taker**
	1	0.00% - 0.15%	(\$0.25)	\$0.50	(\$0.30)	\$1.10
Non-Priority	2	Above 0.15% - 0.40%	(\$0.40)	\$0.50	(\$0.30)	\$1.10
Customer, Firm, BD,	3	Above 0.40% - 0.65%	(\$0.40)	\$0.48	(\$0.60)	\$1.10
and Non-MIAX PEARL	4	Above 0.65% - 1.00%	(\$0.47)	\$0.48	(\$0.65)	\$1.09
Market Makers	5	Above 1.00% – 1.40%	(\$0.48)	\$0.48	(\$0.70)	\$1.08
	6	Above 1.40%	(\$0.48)	\$0.48	(\$0.85)	\$1.07

** Members may qualify for the Maker Rebate and the Taker Fee associated with the highest Tier for transactions in Non-Penny classes if the Member executes more than 0.30% volume in Non-Penny classes, not including Excluded Contracts, as compared to the TCV in all MIAX PEARL listed option classes. For purposes of qualifying for such rates, the Exchange will aggregate the volume transacted by Members and their Affiliates in the following Origin types in Non-Penny classes: MIAX PEARL Market Makers, and Non-Priority Customer, Firm, BD, and Non-MIAX PEARL Market Makers.

^ Members may qualify for Maker Rebates equal to the greater of: (A) (\$0.40) for Penny Classes and (\$0.65) for Non-Penny Classes, or (B) the amount set forth in the applicable Tier reached by the Member in the relevant Origin, if the Member and their Affiliates execute at least 1.50% volume in the relevant month, in Priority Customer Origin type, in all options classes, not including Excluded Contracts, as compared to the TCV in all MIAX PEARL listed option classes.

Except as otherwise set forth herein, the Volume Criteria is calculated based on the total monthly volume executed by the Member in all options classes on MIAX PEARL in the relevant Origin type, not including Excluded Contracts, (as the numerator) expressed as a percentage of (divided by) TCV (as the denominator). In Tier 2 for MIAX PEARL Market Makers, the alternative Volume Criteria (above 0.45% in SPY/QQQ/IWM) is calculated based on the total monthly volume executed by the Market Maker collectively in SPY, QQQ, and IWM options on MIAX PEARL in the relevant Origin type, not including Excluded Contracts, (as the numerator) expressed as a percentage of (divided by) SPY/QQQ/IWM TCV (as the denominator). In Tier 4 for MIAX PEARL Market Makers, the alternative Volume Criteria (above 2.25% in SPY) is calculated based on the total monthly volume executed by the Market Maker of the total monthly volume executed by the Market Maker of the total monthly volume executed by the Market Maker based on the total monthly volume executed by the Market Maker of MIAX PEARL Market Makers, the alternative Volume Criteria (above 2.25% in SPY) is calculated based on the total monthly volume executed by the Market Maker solely in SPY options on MIAX PEARL in the relevant Origin type, not including Excluded Contracts, for MIAX PEARL Market Makers of the total monthly volume executed by the Market Maker solely in SPY options on MIAX PEARL in the relevant Origin type, not including Excluded Contracts, for MIAX PEARL Market Maker solely in SPY options on MIAX PEARL in the relevant Origin type, not including Excluded Contracts, for the total monthly volume executed by the Market Maker solely in SPY options on MIAX PEARL in the relevant Origin type, not including Excluded Contracts, for the relevant Origin type, not including Excluded Contracts, for the relevant Origin type, not including Excluded Contracts, for the relevant Origin type, not including Excluded Contracts, for the relevant Origin type, not including Excluded Contracts, for

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(as the numerator) expressed as a percentage of (divided by) SPY TCV (as the denominator). The per contract transaction rebates and fees shall be applied retroactively to all eligible volume once the threshold has been reached by Member. The Exchange aggregates the volume of Members and their Affiliates in the Add/Remove Tiered Fees. The per contract transaction rebates and fees shall be waived for transactions executed during the opening and for transactions that uncross the ABBO.
