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# MIAX Options Fee Schedule

## 1) Transaction Fees

a) No Change.

### b) Marketing Fee

MIAX will assess a Marketing Fee to all Market Makers for contracts, including mini options, they execute in their assigned classes when the contra-party to the execution is a Priority Customer. MIAX will not assess a Marketing Fee to Market Makers for contracts executed as a PRIME Agency Order, Contra-side Order, or a PRIME AOC Response in the PRIME Auction; unless, it executes against an unrelated order.

MIAX will assess an additional \$0.12 per contract Posted Liquidity Marketing Fee to all Market Makers for any standard options overlying EEM, GLD, IWM, QQQ, and SPY that Market Makers execute in their assigned class when the contra-party to the execution is a Priority Customer and the Priority Customer order was posted on the MIAX Book at the time of the execution. MIAX will not assess the additional Posted Liquidity Marketing Fee to Market Makers for contracts executed as a PRIME Agency Order, Contra-side Order, or a PRIME AOC Response in the PRIME Auction. MIAX will also not assess the additional Posted Liquidity Marketing Fee to Market Makers for contracts executed pursuant to a Liquidity Refresh Pause, route timer, or during the Opening Process.

Members that are assigned as PLMMs and LMMs will have a Marketing Fee “pool” into which the Exchange will deposit the applicable per-contract Marketing Fee. For orders directed to PLMMs and LMMs, applicable Marketing Fees are allocated to the PLMM’s or LMM’s Marketing Fee “pool.” For non-directed orders, applicable Marketing Fees are allocated to the PLMM’s Marketing Fee “pool.” All Market Makers that participated in such transactions will pay the applicable Marketing Fee to the Exchange, which will allocate such funds to the Member that controls the distribution of the Marketing Fee “pool.” Each month the Member will submit written instructions to MIAX describing how MIAX is to distribute the Marketing Fees in the “pool” to Electronic Exchange Members identified by the Member.

Undispersed Marketing Fees will be reimbursed to Market Makers that contributed to the “pool” based upon their pro-rata portion of the entire amount of Marketing Fees collected on a three month rolling schedule.

Amount of Marketing Fee Assessed	Option Classes
<b>\$0.70</b> <b>(per contract)</b>	Transactions in Standard Option Classes that are not in the Penny Pilot Program
<b>\$0.25<sup>14</sup></b> <b>(per contract)</b>	Transactions in Standard Option Classes that are in the Penny Pilot Program (a List of those Standard Option Classes in the Penny Pilot Program is available on the MIAX Website)
<b>\$0.070</b> <b>(per contract)</b>	Transactions in Mini Options where the corresponding Standard Option is not in the Penny Pilot Program
<b>\$0.025</b> <b>(per contract)</b>	Transactions in Mini Options where the corresponding Standard Option is in the Penny Pilot Program (a List of those Standard Option Classes in the Penny Pilot Program is available on the MIAX Website)

### c) Fees and Rebates for Customer Orders Routed to Another Options

#### Exchange

MIAX will assess a Routing Fee to market participants on all Public Customer orders routed to and executed on an away market that is equal to the amount charged by the away market to which such orders were routed and executed. MIAX will also pay any rebate offered by an away market. Such market participants will also be assessed a Fixed Fee Surcharge by MIAX, which is added to the fee charged, or netted against the rebate paid, by an away market.

#### Fixed Fee Surcharge

\$0.10 per contract in addition to the actual transaction fee assessed, or less the rebate paid, by the away exchange. The Fixed Fee Surcharge applies to both Mini and Standard Option contracts.

## 2) Regulatory Fees

### a) Sales Value Fee

**Current Fee Rate: Defined amount per \$1,000,000 of the aggregate dollar amount of covered sales.**

The Sales Value Fee<sup>[14]15</sup> is assessed by the Exchange to each Member for sales on the Exchange for which the Exchange is obligated to pay a fee to the SEC pursuant to Section 31 of the Exchange Act.

<sup>14</sup> As described in detail above, the Exchange will assess an additional \$0.12 per contract Posted Liquidity Marketing Fee to all Market Makers for any standard options overlying EEM, GLD, IWM, QQQ, and SPY that Market Makers execute in their assigned class when the contra-party to the execution is a Priority Customer and the Priority Customer order was posted on the MIAX Book at the time of the execution.

The Sales Value Fee is equal to the Section 31 fee rate multiplied by the Member's aggregate dollar amount of covered sales resulting from options transactions occurring on the Exchange during any computational period. To the extent there may be any excess monies collected under this rule, the Exchange may retain those monies to help fund general operating expenses. The sales transactions to which the fee applies are sales of options (other than options on a security index) and the sales of securities resulting from the exercise of physical-delivery options.

Sales Value Fee	Per Executed Sell Contract side and Sales of Securities Resulting from the Exercise of Physical Delivery Options (per million dollars in notional value)
All Classes	Rate set annually and sometimes adjusted semi-annually by the SEC. See <a href="http://www.sec.gov/divisions/marketreg/sec31info.htm">http://www.sec.gov/divisions/marketreg/sec31info.htm</a> for the current rate

### b) Options Regulatory Fee

The per-contract Options Regulatory Fee ("ORF") is assessed by MIAX to each MIAX Member for all options transactions, including Mini Options, executed and cleared, or simply cleared by the Member that are cleared by OCC in the "customer" range, regardless of the exchange on which the transaction occurs. The ORF is collected indirectly from Members through their clearing firms by OCC on behalf of MIAX. The Exchange may only increase or decrease the Options Regulatory Fee semi-annually, and any such fee change will be effective on the first business day of February or August. The Exchange will notify participants via a Regulatory Circular of any change in the amount of the fee at least 30 calendar days prior to the effective date of the change.

Options Regulatory Fee (ORF)	Per Executed Contract side
All Classes	\$0.0045

### c) Web CRD Fees

The following fees will be collected and retained by FINRA through the Web Central Registration Depository (CRD<sup>SM</sup>) registration system for the registration of associated persons of Electronic Exchange Members and Market Maker organizations that are not also FINRA members:

GENERAL REGISTRATION FEES:

<sup>[14]15</sup> For a detailed description of the Sales Value Fee, see MIAX Rule 1207.

\$100.00	FINRA CRD Processing Fee <sup>[15]16</sup>
\$110.00	FINRA Disclosure Processing Fee <sup>[16]17</sup> (Form U4, Form U5, Form BD & amendments)
\$45.00	FINRA Annual System Processing Fee assessed only during Renewals

FINRA Fingerprint Card Processing Fees:

\$29.50	First card submission (electronic)
\$44.50	First card submission (hard copy)
\$15.00	Second card submission (electronic)
\$30.00	Second card submission (hard copy)
\$29.50	Third card submission (electronic)
\$44.50	Third card submission (hard copy)
\$30.00	FINRA Processing Fee for Fingerprint Results Submitted by Other SROs
\$00.00	MIAX Initial Registration Fee (Individual)
\$00.00	MIAX Annual Individual Renewal Fee
\$00.00	MIAX Transfer Fee
\$00.00	MIAX Termination Fee
\$00.00	MIAX Broker Dealer Registration Fee
\$00.00	MIAX Broker Dealer Renewal Fee

Continuing Education Fees<sup>[17]18</sup>

\$100.00	Continuing Education Fee for All Registrations except the Series 56
\$60.00	Continuing Education Fee for Series 56

Qualification Examination Fee

\$195.00	Series 56 Examination Fee
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<sup>[15]16</sup> For all Initial, Transfer, Relicense, and Dual Registration Form U4 filings. This fee is assessed when a non-FINRA firm (i.e., a firm that is not a member of FINRA) submits its first Initial, Transfer, Relicense, or Dual Registration Form U4 filing on behalf of a registered person.

<sup>[16]17</sup> For all registration, transfer, or termination filings with new or amended disclosure information or that require certification, as well as any amendment to disclosure information.

<sup>[17]18</sup> The session fee will be assessed to each individual who is required to complete the Regulatory Element of the Continuing Education Requirements pursuant to MIAX Rule 1304.

### 3) Membership Fees

#### a) Application for MIAX Membership (One-Time Fee)

Type of Membership	Application Fee
Electronic Exchange Member	\$2,500.00
Market Maker	\$3,000.00

#### b) Monthly Trading Permit Fee

MIAX will issue Trading Permits<sup>[18]19</sup> to Members that confer the ability to transact on MIAX.

Type of Trading Permit	Monthly MIAX Trading Permit Fee
Electronic Exchange Member	\$1,000.00
Market Maker (includes RMM, LMMM, PLMM)	\$4,000.00 for MM Assignment in up to 100 Classes \$5,500.00 for MM Assignment in up to 250 Classes \$7,000.00 for MM Assignment in all Classes listed on MIAX

For the calculation of the monthly MM Trading Permit Fees, the number of classes is defined as the greatest number of classes the MM was assigned to quote in on any given day within the calendar month. Members receiving Trading Permits during a particular calendar month will be assessed Trading Permit Fees according to the above schedule, except that the calculation of the Trading Permit fee for the first month in which the Trading Permit is issued will be pro-rated based on the number of trading days on which the Trading Permit was in effect divided by the total number of trading days in that month multiplied by the monthly rate.

### 4) Testing and Certification Fees

#### a) Member Application Programming Interface (API) Testing and Certification (One-Time Fee)

Type of Member	API Testing and Certification Fee
Electronic Exchange Member	\$1,000.00
Market Maker	\$2,500.00

<sup>[18]19</sup> For a complete description of MIAX Trading Permits, see MIAX Rule 200.

**b) Non-Member API Testing and Certification (One-Time Fee)**

Non-Member	API Testing and Certification
Third Party Vendors <sup>[19]20</sup> and Service Bureaus <sup>[20]21</sup> and other non-Members	\$1,000.00

**c) Member Network Testing and Certification Fee (One-Time Fee)**

Member Network Connectivity Testing and Certification	1 Gigabit Per Firm	10 Gigabit Per Firm
Individual Firm	\$1,000.00	\$4,000.00

**d) Non-Member Network Testing and Certification Fee (One-Time Fee)**

Non-Member Network Connectivity Testing and Certification	1 Gigabit Per Connection	10 Gigabit Per Connection
Service Bureau/Extranet Provider <sup>[21]22</sup> and other non-Members – One Connection	\$1,000.00	\$4,000.00

**5) System Connectivity Fees****a) Monthly Member Network Connectivity Fee**

Member Network Connectivity Per Month	1 Gigabit Per Connection	10 Gigabit Per Connection
Individual Firm	\$1,000.00	\$5,000.00

The Member Network Connectivity fee will be pro-rated for new Members based on the number of trading days on which the Member used the connectivity in its first month of trading on or receiving information by way of such connectivity with MIAX, divided by the total number of trading days in such month multiplied by the monthly rate.

<sup>[19]20</sup> Third Party Vendors are subscribers of MIAX's market and other data feeds, which they in turn use for redistribution purposes.

<sup>[20]21</sup> A Service Bureau is a technology provider that offers and supplies technology and technology services to a trading firm that does not have its own proprietary system.

<sup>[21]22</sup> An Extranet Provider is a technology provider that connects with MIAX systems and in turn provides such connectivity to MIAX participants that do not connect directly with MIAX.

## b) Monthly Non-Member Network Connectivity Fee

Non-Member Network Connectivity Per Month	1 Gigabit Per Connection	10 Gigabit Per Connection
Service Bureau/Extranet Provider and other non-Members	\$1,000.00	\$5,000.00

The non-Member Network Connectivity fee will be pro-rated for new non-Members connecting to the MIAX System based on the number of trading days on which the non-Member used the connectivity in its first month of trading on or (in the case of an AIS, receiving administrative information by way of such connectivity with MIAX, divided by the total number of trading days in such month multiplied by the monthly rate.

## c) Pass-Through of External Connectivity Fees

MIAX will assess External Connectivity fees to Members and non-Members that establish connections with MIAX through a third-party. Fees assessed to MIAX by third-party external vendors on behalf of a Member or non-Member connecting to MIAX (including cross-connects),<sup>[22]23</sup> will be passed through to the Member or non-Member. The External Connectivity fees passed through can include one-time set-up fees, monthly charges, and other fees charged to MIAX by a third-party for the benefit of a Member or non-Member.

## d) Port Fees

### i) FIX Port Fees

MIAX will assess monthly Financial Information Exchange (“FIX”) Port<sup>[23]24</sup> Fees on Members based upon the number of FIX Ports used by the Member submitting orders to MIAX.

FIX Port Fees	MIAX Monthly Port Fees Includes Connectivity to the Primary, Secondary and Disaster Recovery Data Centers <sup>[24]25</sup>
1st FIX Port	\$250 per month
FIX Ports 2 through 5	\$150 per month per port
Additional FIX Ports over 5	\$50 per month per port

<sup>[22]23</sup> A “cross-connect” occurs when the affected third-party system is sited at the same data center where MIAX systems are sited, and the third-party connects to MIAX through the data center, rather than connecting directly to MIAX outside of the data center.

<sup>[23]24</sup> A FIX Port is an interface with MIAX systems that enables the Port user (typically an Electronic Exchange Member or a Market Maker) to submit orders electronically to MIAX.

<sup>[24]25</sup> MIAX has primary and secondary data centers and a disaster recovery center. Each port provides access to all three data centers for a single fee.

**ii) MEI Port Fees**

MIAX will assess monthly MIAX Express Interface (“MEI”)<sup>[25]26</sup> Port fees on Market Makers based upon the number of MIAX matching engines<sup>[26]27</sup> used by the Market Maker. MEI Port users will be allocated two (2) Full Service MEI Ports<sup>[27]28</sup> and two (2) Limited Service MEI Ports<sup>[28]29</sup> per matching engine to which they connect. An MEI Port provides a Market Maker with the connectivity necessary to submit electronic quotes to the MIAX System.

<b>MEI Fees</b>	<b>MIAX Monthly MEI Fees</b> Includes MEI Ports at the Primary, Secondary and Disaster Recovery Data Centers
Market Maker’s 1st Engine	\$1,000 per month for 2 full service ports and 2 limited service ports for first engine
Market Maker’s Engines 2 through 5	\$500 per month for 2 full service ports and 2 limited service ports for each engine
Market Maker’s Engines over 5	\$250 per month for 2 full service ports and 2 limited service ports for each engine
Additional Limited Service MEI Ports	\$10 per month per additional limited service port for each engine <sup>[29]30</sup>

**iii) Clearing Trade Drop Port Fees**

<b>Description</b>	<b>Monthly Fee</b>
Real-Time CTD Information	\$0.0030 per executed contract side

CTD provides Exchange members with real-time clearing trade updates. The updates include the member’s clearing trade messages on a low latency, real-time basis. The trade messages are routed to a member's connection containing certain information. The information includes,

<sup>[25]26</sup> MIAX Express Interface is a connection to MIAX systems that enables Market Makers to submit electronic quotes to MIAX.

<sup>[26]27</sup> A “matching engine” is a part of the MIAX electronic system that processes options quotes and trades on a symbol-by-symbol basis. Some matching engines will process option classes with multiple root symbols, and other matching engines will be dedicated to one single option root symbol (for example, options on SPY will be processed by one single matching engine that is dedicated only to SPY). A particular root symbol may only be assigned to a single designated matching engine. A particular root symbol may not be assigned to multiple matching engines.

<sup>[27]28</sup> Full Service MEI Ports provide Market Makers with the ability to send Market Maker quotes, eQuotes, and quote purge messages to the MIAX System. Full Service MEI Ports are also capable of receiving administrative information. Market Makers are limited to two Full Service MEI Ports per matching engine.

<sup>[28]29</sup> Limited Service MEI Ports provide Market Makers with the ability to send eQuotes and quote purge messages only, but not Market Maker Quotes, to the MIAX System. Limited Service MEI Ports are also capable of receiving administrative information. Market Makers initially receive two Limited Service MEI Ports per matching engine.

<sup>[29]30</sup> Market Makers are limited to two additional Limited Service MEI Ports per matching engine, for a total of four per matching engine.



among other things, the following: (i) trade date and time; (ii) symbol information; (iii) trade price/size information; (iv) member type (for example, and without limitation, Market Maker, Electronic Exchange Member, Broker-Dealer); and (v) Exchange Member Participant Identifier (“MPID”) for each side of the transaction, including clearing member MPID.

### e) Electronic Exchange Member MPID Fees

MIAX will assess monthly MIAX Member Participant Identifier (“MPID”) fees to Electronic Exchange Members (“EEMs”), based upon the number of MPIDs assigned to the particular EEM in a given month.

EEM MPID Fees	EEM Monthly MPID Fees
1st MPID per EEM	\$200 per month
2 <sup>nd</sup> through 5 <sup>th</sup> EEM MPID	\$100 per month for each MPID
Each Additional EEM MPID over 5	\$50 per month for each MPID

### 6) Market Data Fees – MIAX Top of Market (“ToM”)

Distributor Type	Monthly Fee
Internal Distributor	\$1,000.00
External Distributor	\$1,500.00

MIAX assesses market data fees applicable to ToM on Internal and External Distributors. A Distributor of MIAX data is any entity that receives a feed or file of data either directly from MIAX or indirectly through another entity and then distributes it either internally (within that entity) or externally (outside that entity). All Distributors are required to execute a MIAX Distributor Agreement. Market Data Fees for ToM will be reduced for new Distributors for the first month during which they subscribe to ToM, based on the number of trading days that have been held during the month prior to the date on which they subscribe. Such new Distributors will be assessed a pro-rata percentage of the fees described above, which is the percentage of the number of trading days remaining in the affected calendar month as of the date on which they begin to receive the ToM feed, divided by the total number of trading days in the affected calendar month.

### 7) Market Data Fees – Administrative Information Subscriber (“AIS”)

Distributor Type	Monthly Fee
Internal Distributor	\$1,000.00
External Distributor	\$1,500.00

MIAX assesses market data fees applicable to AIS on Internal and External Distributors. A Distributor of MIAX data is any entity that receives a feed or file of data either directly from MIAX or indirectly through

another entity and then distributes it either internally (within that entity) or externally (outside that entity). All Distributors are required to execute a MIAX Distributor Agreement. Market Data Fees for AIS will be reduced for new Distributors for the first month during which they subscribe to AIS, based on the number of trading days that have been held during the month prior to the date on which they subscribe. Such new Distributors will be assessed a pro-rata percentage of the fees described above, which is the percentage of the number of trading days remaining in the affected calendar month as of the date on which they begin to receive the AIS feed, divided by the total number of trading days in the affected calendar month. The monthly fee for Distributors of AIS will be waived if they also subscribe to ToM.