



FEE SCHEDULE

AS OF MAY 1, 2017

All Exchange invoices are due in full on a timely basis and payable in accordance with MIAX Rule 208. All disputes related to fees, dues or other charges must be submitted to the Exchange in writing no later than sixty (60) days after the date of the monthly invoice and must be accompanied by supporting documentation.

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MIAX Options Fee Schedule

1) Transaction Fees

a) Exchange Fees

i) Market Maker Transaction Fees

Market Maker Sliding Scale

| Members and Their Affiliates ¹ In Priority Customer Rebate Program Volume Tier 3 or Higher | | | | | | | | | |
|--|------|--------------------------|--|--------|--|--------|--|--|--|
| | Tier | Percentage Thresholds | Simple | | | | Complex | | |
| | | | Per Contract Fee For Penny Classes | | Per Contract Fee For Non-Penny Classes | | Per Contract Fee for Penny Classes | Per Contract Fee for Non-Penny Classes | Per Contract Surcharge for Removing Liquidity Against a Resting Priority Customer Complex Order on the Strategy Book for Penny and Non-Penny Classes |
| | | | Maker* | Taker | Maker* | Taker | | | |
| All MIAX Market Makers | 1 | 0.00% - 0.075% | \$0.21 | \$0.23 | \$0.25 | \$0.30 | \$0.25 | \$0.29 | \$0.10 |
| | 2 | Above 0.075% - 0.60% | \$0.15 | \$0.22 | \$0.19 | \$0.27 | \$0.19 | \$0.23 | \$0.10 |
| | 3 | Above 0.60% - 1.00% | \$0.08 | \$0.19 | \$0.12 | \$0.23 | \$0.12 | \$0.16 | \$0.10 |
| | 4 | Above 1.00% - 1.50% | \$0.04 | \$0.18 | \$0.08 | \$0.22 | \$0.07 | \$0.11 | \$0.10 |
| | 5 | Above 1.50% | \$0.02 | \$0.17 | \$0.06 | \$0.21 | \$0.05 | \$0.09 | \$0.10 |

¹ For purposes of the MIAX Options Fee Schedule, the term "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, ("Affiliate"), 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 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 Market Maker) that has been appointed by a MIAX Market Maker, pursuant to the following process. A MIAX Market Maker appoints an EEM and an EEM appoints a MIAX Market Maker, for the purposes of the Fee Schedule, by each completing and sending an executed Volume Aggregation Request Form by email to membership@miaxoptions.com no later than 2 business days prior to the first business day of the month in which the designation is to become effective. Transmittal of a validly completed and executed form to the Exchange along with the Exchange's acknowledgement of the effective designation to each of the Market Maker and EEM will be viewed as acceptance of the appointment. The Exchange will only recognize one designation per Member. A Member may make a designation not more than once every 12 months (from the date of its most recent designation), which designation shall remain in effect unless or until the Exchange receives written notice submitted 2 business days prior to the first business day of the month from either Member indicating that the appointment has been terminated. Designations will become operative on the first business day of the effective month and may not be terminated prior to the end of the month. Execution data and reports will be provided to both parties.

| Members and Their Affiliates Not In Priority Customer Rebate Program Volume Tier 3 or Higher | | | | | | | | | |
|---|------|--------------------------|--|--------|--|--------|--|--|--|
| | Tier | Percentage Thresholds | Simple | | | | Complex | | |
| | | | Per Contract Fee For Penny Classes | | Per Contract Fee For Non-Penny Classes | | Per Contract Fee for Penny Classes | Per Contract Fee for Non-Penny Classes | Per Contract Surcharge for Removing Liquidity Against a Resting Priority Customer Complex Order on the Strategy Book for Penny and Non-Penny Classes |
| | | | Maker* | Taker | Maker* | Taker | | | |
| All MIAX Market Makers ² | 1 | 0.00% - 0.075% | \$0.23 | \$0.25 | \$0.27 | \$0.32 | \$0.25 | \$0.29 | \$0.10 |
| | 2 | Above 0.075% - 0.60% | \$0.17 | \$0.24 | \$0.21 | \$0.29 | \$0.19 | \$0.23 | \$0.10 |
| | 3 | Above 0.60% - 1.00% | \$0.10 | \$0.21 | \$0.14 | \$0.25 | \$0.12 | \$0.16 | \$0.10 |
| | 4 | Above 1.00% - 1.50% | \$0.06 | \$0.20 | \$0.10 | \$0.24 | \$0.07 | \$0.11 | \$0.10 |
| | 5 | Above 1.50% | \$0.04 | \$0.19 | \$0.08 | \$0.23 | \$0.05 | \$0.09 | \$0.10 |

* The Maker Penny and Non-Penny fees will apply to opening transactions, transactions resulting from quotes that uncross the ABBO, and any other transaction that is not a taker transaction.

Volume thresholds are based on the total national Market Maker volume of any options classes with traded volume on MIAX during the month in simple and complex orders (excluding QCC Orders, PRIME AOC Responses, and unrelated MIAX Market Maker quotes or unrelated MIAX Market Maker orders that are received during the Response Time Interval and executed against the PRIME Order (“PRIME Participating Quotes or Orders”). The Market Maker Sliding Scale applies to MIAX Market Maker (RMM, LMM, DLMM, PLMM, DPLMM) transaction fees in all products except mini-options. MIAX Market Makers will be assessed a \$0.02 per executed contract fee for transactions in mini-options. A MIAX Market Maker's standard per contract transaction fee shall be reduced to the fees shown on the sliding scale as the MIAX Market Maker reaches the volume thresholds shown on the sliding scale in a month. The Exchange will aggregate the trading activity of Members and their Affiliates for purposes of the sliding scale.

² See MIAX Rule 100 for the definition of Registered Market Maker (“RMM”), Primary Lead Market Maker (“PLMM”), Lead Market Maker (“LMM”), Directed Order Lead Market Maker (“DLMM”) and Directed Primary Lead Market Maker (“DPLMM”) is a party to a transaction being allocated to the LMM or PLMM and is the result of an order that has been directed to the LMM or PLMM.

ii) Other Market Participant Transaction Fees

| Types of Other Market Participants | Standard Options Transaction Fee for Simple and Complex Orders (per executed contract) | | Per Contract Surcharge for Removing Liquidity Against a Resting Priority Customer Complex Order on the Strategy Book for Penny and Non-Penny Classes | Mini Options Transaction Fee (per executed contract) | | These fees will apply to all option classes traded on MIAX |
|--|--|---------------------|--|--|-------------------|---|
| | Penny Classes | Non-Penny Classes | | Penny Classes | Non-Penny Classes | |
| <i>Priority Customer</i> ³ | \$0.00 | \$0.00 | \$0.00 | \$0.000 | \$0.000 | There is no fee assessed to an Electronic Exchange Member (an "EEM," as defined in MIAX Rule 100) that enters an order that is executed for the account of a Priority Customer. |
| <i>Public Customer that is Not a Priority Customer</i> | \$0.47 ⁴ | \$0.75 ⁵ | \$0.10 | \$0.05 | \$0.07 | This fee is assessed to an EEM that enters an order that is executed for the account of a Public Customer ⁶ that does not meet the criteria for designation as a Priority Customer. This fee will also be charged to an EEM that enters an order for the account of a Public Customer that has elected to be treated as a Voluntary Professional. ⁷ |
| <i>Non-MIAX Market Maker</i> | \$0.47 ⁸ | \$0.75 ⁹ | \$0.10 | \$0.045 | \$0.07 | This fee is assessed to an EEM that enters an order that is executed for the account of a non-MIAX market maker. A non-MIAX market maker is a market maker registered as such on another options exchange. |

³ The term "Priority Customer" means a person or entity that (i) is not a broker or dealer in securities, and (ii) does not place more than 390 orders in listed options per day on average during a calendar month for its own beneficial account(s). See Exchange Rule 100.

⁴ Any Member or its Affiliate that qualifies for Priority Customer Rebate Program volume tiers 3 or higher will be assessed \$0.45 per contract for standard options in simple order executions.

⁵ Any Member or its Affiliate that qualifies for Priority Customer Rebate Program volume tiers 3 or higher will be assessed \$0.73 per contract for standard options in simple order executions.

⁶ The term "Public Customer" means a person that is not a broker or dealer in securities. See Exchange Rule 100.

⁷ The term "Voluntary Professional" means any Public Customer that elects, in writing, to be treated in the same manner as a broker or dealer in securities for purposes of Rule 514, as well as the Exchange's schedule of fees. See Exchange Rule 100.

⁸ Any Member or its Affiliate that qualifies for Priority Customer Rebate Program volume tiers 3 or higher will be assessed \$0.45 per contract for standard options in all options classes.

⁹ Any Member or its Affiliate that qualifies for Priority Customer Rebate Program volume tiers 3 or higher will be assessed \$0.73 per contract for standard options in simple order executions.

| Types of Other Market Participants | Standard Options Transaction Fee for Simple and Complex Orders (per executed contract) | | Per Contract Surcharge for Removing Liquidity Against a Resting Priority Customer Complex Order on the Strategy Book for Penny and Non-Penny Classes | Mini Options Transaction Fee (per executed contract) | | These fees will apply to all option classes traded on MIAX |
|------------------------------------|--|----------------------|--|--|-------------------|---|
| | Penny Classes | Non-Penny Classes | | Penny Classes | Non-Penny Classes | |
| <i>Non-Member Broker-Dealer</i> | \$0.47 ¹⁰ | \$0.75 ¹¹ | \$0.10 | \$0.045 | \$0.07 | This fee is assessed to an EEM that enters an order that (i) is executed for the account of a non-Member Broker-Dealer, and (ii) is identified by the EEM for clearing in the Options Clearing Corporation (“OCC”) “customer” range. A non-Member Broker-Dealer is a broker-dealer that is not a member of the OCC, and that is not registered as a Member at MIAX or another options exchange. |
| <i>Firm</i> | \$0.47 ¹² | \$0.75 ¹³ | \$0.10 | \$0.04 | \$0.07 | This fee is assessed to an EEM that enters an order that is executed for an account identified by the EEM for clearing in the OCC “Firm” range. |

¹⁰ Any Member or its Affiliate that qualifies for Priority Customer Rebate Program volume tiers 3 or higher will be assessed \$0.45 per contract for standard options in simple order executions.

¹¹ Any Member or its Affiliate that qualifies for Priority Customer Rebate Program volume tiers 3 or higher will be assessed \$0.73 per contract for standard options in simple order executions.

¹² Any Member or its Affiliate that qualifies for Priority Customer Rebate Program volume tiers 3 or higher will be assessed \$0.45 per contract for standard options in simple order executions.

¹³ Any Member or its Affiliate that qualifies for Priority Customer Rebate Program volume tiers 3 or higher will be assessed \$0.73 per contract for standard options in simple order executions.

iii) Priority Customer Rebate Program

| Origin | Tier | Percentage Thresholds of National Customer Volume in Multiply-Listed Options Classes Listed on MIAX (Monthly) | Per Contract Credit for Simple Orders in non-MIAX Select Symbols ¹⁴ | Per Contract Credit for Simple Orders in MIAX Select Symbols | Per Contract Credit for PRIME Agency Order | Per Contract Credit for Complex Orders |
|-------------------|------|---|--|--|--|--|
| Priority Customer | 1 | 0.00% - 0.50% | \$0.00 | \$0.00 | \$0.10 | \$0.00 |
| | 2 | Above 0.50% - 1.20% | \$0.10 | \$0.10 | \$0.10 | \$0.21 |
| | 3 | Above 1.20% - 1.75% | \$0.15 | \$0.20 | \$0.10 | \$0.24 |
| | 4 | Above 1.75% | \$0.21 | \$0.24 | \$0.10 | \$0.25 |

MIAX shall credit each Member the per contract amount set forth above as applicable resulting from each Priority Customer order transmitted by that Member which is executed electronically on the Exchange in all multiply-listed option classes (excluding, in simple or complex as applicable, QCC Orders, mini-options, Priority Customer-to-Priority Customer Orders, PRIME AOC Responses, PRIME Contra-side Orders, PRIME Orders for which both the Agency and Contra-side Order are Priority Customers, and executions related to contracts that are routed to one or more exchanges in connection with the Options Order Protection and Locked/Crossed Market Plan referenced in MIAX Rule 1400), provided the Member meets certain percentage thresholds in a month as described in the Priority Customer Rebate Program table.

For each Priority Customer order transmitted by that Member which is executed electronically on the Exchange in MIAX Select Symbols in simple order executions, MIAX shall credit each member at the separate per contract rate for MIAX Select Symbols.

For each Priority Customer order submitted into the PRIME Auction as a PRIME Agency Simple Order, MIAX shall credit each member at the separate per contract rate for PRIME Agency Simple Orders; however, no rebates will be paid if the PRIME Agency Simple Order executes against a Contra-side Order which is also a Priority Customer.

The Priority Customer rebate payment will be calculated from the first executed contract at the applicable threshold per contract credit with rebate payments made at the highest achieved volume tier for each contract traded in that month.

The percentage thresholds are calculated based on the percentage of national customer volume in multiply-listed options classes listed on MIAX entered and executed over the course of the month (excluding QCC Orders, Priority Customer-to-Priority Customer Orders, PRIME AOC Responses, PRIME Contra-side Orders, PRIME Orders for which both the Agency and Contra-side Order are Priority Customers). Volume for transactions in both simple and complex orders will be aggregated to determine the appropriate volume tier threshold applicable to each transaction. Volume will be recorded for and credits will be delivered to the Member Firm that submits the order to MIAX. MIAX will aggregate the contracts resulting from Priority Customer orders transmitted and executed electronically on MIAX from

¹⁴ The term "MIAX Select Symbols" means options overlying AAL, AAPL, AIG, AMAT, AMD, AMZN, BA, BABA, BBRY, BIDU, BP, C, CAT, CBS, CELG, CLF, CVX, DAL, EBAY, EEM, FB, FCX, GE, GILD, GLD, GM, GOOGL, GPRO, HAL, HTZ, INTC, IWM, JCP, JNJ, JPM, KMI, KO, MO, MRK, NFLX, NOK, NQ, ORCL, PBR, PFE, PG, QCOM, QQQ, RIG, S, SPY, SUNE, T, TSLA, USO, VALE, VXX, WBA, WFC, WMB, WY, X, XHB, XLE, XLF, XLP, XOM, XOP and YHOO.

Members and their Affiliates for purposes of the thresholds described in the Priority Customer Rebate Program table.

MIAX shall credit each "Qualifying Member" \$0.03 per contract (excluding QCC Orders, mini-options, Priority Customer-to-Priority Customer Orders, PRIME Agency Orders, PRIME AOC Responses, PRIME Contra-side Orders, PRIME Orders for which both the Agency and Contra-side Order are Priority Customers, and executions related to contracts that are routed to one or more exchanges in connection with the Options Order Protection and Locked/Crossed Market Plan referenced in MIAX Rule 1400) resulting from each Priority Customer order in simple or complex order executions which falls within the Priority Customer Rebate Program volume tier 1 above. "Qualifying Member" shall mean a Member or its Affiliate that qualifies for the Professional Rebate Program as described below and achieves a volume increase in excess of 0.065% for Professional orders transmitted by that Member which are executed electronically on the Exchange in all multiply-listed option classes for the account(s) of a Professional and which qualify for the Professional Rebate Program during a particular month relative to the applicable Baseline Percentage (as defined under the Professional Rebate Program).

Any Member or its Affiliate that qualifies for Priority Customer Rebate Program volume tiers 3 or higher will be credited an additional \$0.02 per contract for each Priority Customer order executed in the PRIME Auction as a PRIME Agency Order over a threshold of 1,500,000 contracts in a month (excluding QCC Orders, mini-options, Priority Customer-to-Priority Customer Orders, PRIME AOC Responses, PRIME Contra-side Orders, PRIME Orders for which both the Agency and Contra-side Order are Priority Customers, and executions related to contracts that are routed to one or more exchanges in connection with the Options Order Protection and Locked/Crossed Market Plan referenced in MIAX Rule 1400); volume will be recorded for and credits will be delivered to the Member Firm that submits the order to MIAX. In the event of a MIAX System outage or other interruption of electronic trading on MIAX, the Exchange will adjust the national customer volume in multiply-listed options for the duration of the outage. A Member may request to receive its credit under the Priority Customer Rebate Program as a separate direct payment.

iv) Professional Rebate Program

| Type of Market Participants Eligible for Rebate | Tier | Percentage Thresholds of Volume Increase in Multiply-Listed Options (except Excluded Contracts) for the Current Month Compared to Fourth Quarter 2015 | Per Contract Credit (except Excluded Contracts) for Simple Orders | Per Contract Credit (except Excluded Contracts) for Complex Orders |
|--|------|---|---|--|
| <i>Public Customer that is Not a Priority Customer</i> | 1 | Above 0.00% - 0.005% | \$0.10 | \$0.03 |
| <i>Non-MIAX Market Maker</i> | 2 | Above 0.005% - 0.020% | \$0.15 | \$0.05 |
| <i>Non-Member Broker-Dealer Firm</i> | 3 | Above 0.020% | \$0.20 | \$0.07 |

MIAX shall credit each Member the per contract amount set forth above as applicable resulting from any contracts executed from an order submitted by a Member for the account(s) of a (i) Public Customer that is not a Priority Customer; (ii) Non-MIAX Market Maker; (iii) Non-Member Broker-Dealer; or (iv) Firm (for purposes of the Professional Rebate Program, "Professional") which is executed electronically on the Exchange in all multiply-listed option classes (excluding, in simple or complex as applicable, mini-options, Non-Priority Customer-to-Non-Priority Customer Orders, QCC Orders, PRIME Orders, PRIME AOC Responses, PRIME Contra-side Orders, and executions related to contracts that are routed to one or more exchanges in connection with the Options Order Protection and Locked/Crossed Market Plan referenced in MIAX Rule 1400 (collectively, for purposes of the Professional Rebate Program, "Excluded Contracts")), provided the Member achieves certain Professional volume increase percentage thresholds in the month relative to the fourth quarter of 2015, as described in the table above.

The percentage thresholds in each tier are based upon the increase in the total volume submitted by a Member and executed for the account(s) of a Professional on MIAX (not including Excluded Contracts) during a particular month as a percentage of the total volume reported by the Options Clearing Corporation (OCC) in MIAX classes during the same month (the "Current Percentage"), less the greater of (x) total volume submitted by that Member and executed for the account(s) of a Professional on MIAX (not including Excluded Contracts) during the fourth quarter of 2015 as a percentage of the total volume reported by OCC in MIAX classes during the fourth quarter of 2015, and (y) 0.065% (the "Baseline Percentage"). Volume for transactions in both simple and complex orders will be aggregated to determine the appropriate volume tier threshold applicable to each transaction. For purposes of determining the Baseline Percentage for any Member that did not execute any contracts for the account(s) of a Professional on MIAX in the fourth quarter of 2015, the Baseline Percentage shall be 0.065%.

The Member's percentage increase will be calculated as the Current Percentage less the Baseline Percentage. Members will receive rebates for contracts submitted by such Member on behalf of a Professional(s) that are executed within a particular percentage tier based upon that percentage tier only, and will not receive a rebate for such contracts that applies to any other tier.

The increase in volume percentage will be recorded for, and credits will be delivered to, the Member that submits the order to MIAX on behalf of the Professional. Volume for both simple and complex orders will be aggregated to determine the appropriate volume tier threshold applicable to each transaction. MIAX will aggregate the contracts resulting from Professional orders transmitted and executed electronically on

MIAX from Members and their Affiliates for purposes of the thresholds described in the table above. A Member may request to receive its credit under the Program as a separate direct payment

v) MIAX Price Improvement Mechanism (“PRIME”) Fees

| Types of Market Participants | PRIME Order Fee | | Responder to PRIME Auction Fee | | PRIME Break-up Credit | |
|--|-----------------------------------|--|------------------------------------|--|---------------------------------------|---|
| | Per Contract Fee for Agency Order | Per Contract Fee for Contra-side Order | Per Contract Fee for Penny Classes | Per Contract Fee for Non-Penny Classes | Per Contract Credit for Penny Classes | Per Contract Credit for Non-Penny Classes |
| <i>Priority Customer</i> | \$0.00 | \$0.00 | \$0.50 | \$0.99 | \$0.25 | \$0.60 |
| <i>Public Customer that is Not a Priority Customer</i> | \$0.30 | \$0.05 | \$0.50 | \$0.99 | \$0.25 | \$0.60 |
| <i>MIAX Market Maker</i> | \$0.30 | \$0.05 | \$0.50 | \$0.99 | \$0.25 | \$0.60 |
| <i>Non-MIAX Market Maker</i> | \$0.30 | \$0.05 | \$0.50 | \$0.99 | \$0.25 | \$0.60 |
| <i>Non-Member Broker-Dealer</i> | \$0.30 | \$0.05 | \$0.50 | \$0.99 | \$0.25 | \$0.60 |
| <i>Firm</i> | \$0.30 | \$0.05 | \$0.50 | \$0.99 | \$0.25 | \$0.60 |

MIAX will assess the Responder to PRIME Auction Fee to: (i) a PRIME AOC Response that executes against a PRIME Order, and (ii) a PRIME Participating Quote or Order. MIAX will apply the PRIME Break-up credit to the EEM that submitted the PRIME Order for agency contracts that are submitted to the PRIME Auction that trade with a PRIME AOC Response or with a PRIME Participating Quote or Order. The applicable fee for PRIME Orders will be applied to any contracts for which a credit is provided. Transaction fees in mini-options will be 1/10th of the standard per contract fee or rebate described in the table above for the PRIME Auction. MIAX will assess the standard transaction fees to a PRIME AOC Response if they execute against unrelated orders. Any Member or its Affiliate that qualifies for Priority Customer Rebate Program volume tiers 3 or higher and submits a PRIME AOC Response that is received during the Response Time Interval and executed against the PRIME Order, or a PRIME Participating Quote or Order that is received during the Response Time Interval and executed against the PRIME Order, will be assessed a Discounted PRIME Response Fee of \$0.46 per contract for standard options in Penny Pilot classes. Any Member or its Affiliate that qualifies for Priority Customer Rebate Program volume tiers 3 or higher and submits a PRIME AOC Response that is received during the Response Time Interval and executed against the PRIME Order, or a PRIME Participating Quote or Order that is received during the Response Time Interval and executed against the PRIME Order, will be assessed a Discounted PRIME Response Fee of \$0.95 per contract for standard options in non-Penny Pilot classes.

vi) QCC Fees

| Types of Market Participants | QCC Order | | |
|--|--------------------------------|----------------------------------|-----------------------------------|
| | Per Contract Fee for Initiator | Per Contract Fee for Contra-side | Per Contract Rebate for Initiator |
| <i>Priority Customer</i> | \$0.00 | \$0.00 | \$0.10 |
| <i>Public Customer that is Not a Priority Customer</i> | \$0.15 | \$0.15 | \$0.10 |
| <i>MIAX Market Maker</i> | \$0.15 | \$0.15 | \$0.10 |
| <i>Non-MIAX Market Maker</i> | \$0.15 | \$0.15 | \$0.10 |
| <i>Non-Member Broker-Dealer</i> | \$0.15 | \$0.15 | \$0.10 |
| <i>Firm</i> | \$0.15 | \$0.15 | \$0.10 |

Rebates will be delivered to the Member firm that enters the order into the MIAX system, but will only be paid on the initiating side of the QCC transaction. However, no rebates will be paid for QCC transactions for which both the initiator and contra-side orders are Priority Customers. A QCC transaction is comprised of an 'initiating order' to buy (sell) at least 1000 contracts or 10,000 mini-option contracts, coupled with a contra-side order to sell (buy) an equal number of contracts. QCC orders comprised of mini-contracts will be assessed QCC fees and afforded rebates equal to 10% of the fees and rebates applicable to QCC Orders comprised of standard option contracts.

b) Marketing Fee

MIAX will assess a Marketing Fee to all Market Makers for contracts, including mini options, they execute in their assigned classes in simple or complex order executions when the contra-party to the execution is a Priority Customer. The Marketing Fee in complex order executions will be assessed per contract (whether the transaction executes in a strategy match, complex auction, or by legging into the Book). MIAX will not assess a Marketing Fee to Market Makers for contracts executed as a PRIME Agency Order, Contra-side Order, Qualified Contingent Cross Order, PRIME Participating Quote or Order or a PRIME AOC Response in the PRIME Auction; unless, it executes against an unrelated order.

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 |
|----------------------------------|---|
| \$0.70 (per contract) | Simple and complex order transactions in Standard Option Classes that are not in the Penny Pilot Program |
| \$0.25 (per contract) | Simple and complex order 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) |
| \$0.070 (per contract) | Simple and complex order transactions in Mini Options where the corresponding Standard Option is not in the Penny Pilot Program |
| \$0.025 (per contract) | Simple and complex order 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 Fee¹⁵ 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. 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 http://www.sec.gov/divisions/marketreg/sec31info.htm 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 |

¹⁵ For a detailed description of the Sales Value Fee, see MIAX Rule 1207.

c) Web CRD Fees

The following fees will be collected and retained by FINRA through the Web Central Registration Depository (CRDSM) 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:

| | |
|----------|--|
| \$100.00 | FINRA CRD Processing Fee ¹⁶ |
| \$110.00 | FINRA Disclosure Processing Fee ¹⁷ (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:¹⁸

| | |
|---------|--|
| \$55.00 | Continuing Education Session Fee for All Registrations |
|---------|--|

Qualification Examination Fee:

| | |
|----------|---------------------------|
| \$120.00 | Series 57 Examination Fee |
|----------|---------------------------|

¹⁶ 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.

¹⁷ 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.

¹⁸ 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.

d) Consolidated Audit Trail Funding Fees

(a) Definitions

(1) For purposes of the Consolidated Audit Trail Funding Fees, the terms “CAT NMS Plan”, “Industry Member”, “NMS Stock”, “OTC Equity Security” and “Participant” are defined as set forth in Rule 1701 (Consolidated Audit Trail Compliance Rule – Definitions).

(2) “ATS” means an alternative trading system as defined in Rule 300(a) of Regulation ATS under the Securities Exchange Act of 1934, as amended, that operates pursuant to Rule 301 of Regulation ATS.

(3) “CAT Fee” means the Consolidated Audit Trail Funding Fee(s) to be paid by Industry Members as set forth in paragraph (b) below.

(4) “Equity ATS” is an ATS that executes transactions in NMS Stocks and/or OTC Equity Securities.

(5) “Equity Execution Venue” means an Execution Venue that trades NMS Stocks and/or OTC Equity Securities.

(6) “Execution Venue” means a Participant or an ATS (excluding any such ATS that does not execute orders).

(b) Fee Schedule

(1) The CAT NMS, LLC will assign each Industry Member (other than an Equity ATS) to a fee tier once every quarter, where such tier assignment is calculated by ranking each Industry Member based on its total message traffic for the three months prior to the quarterly tier calculation day and assigning each Industry Member to a tier based on that ranking and predefined Industry Member percentages. The Industry Members with the highest total quarterly message traffic will be ranked in Tier 1, and the Industry Members with lowest quarterly message traffic will be ranked in Tier 9. Each quarter, each Industry Member (other than an Equity ATS) shall pay the following CAT Fee corresponding to the tier assigned by the CAT NMS, LLC for such Industry Member for that quarter:

| Tier | Percentage of Industry Members | Quarterly CAT Fee |
|------|--------------------------------|-------------------|
| 1 | 0.500% | \$101,004 |
| 2 | 2.500% | \$81,153 |
| 3 | 2.125% | \$57,717 |
| 4 | 4.625% | \$19,965 |
| 5 | 3.625% | \$12,489 |
| 6 | 4.000% | \$7,680 |
| 7 | 17.500% | \$1,503 |
| 8 | 20.125% | \$435 |
| 9 | 45.000% | \$66 |

(2) The CAT NMS, LLC will assign each Equity ATS to a fee tier once every quarter, where such tier assignment is calculated by ranking each Equity Execution Venue based on its total market share of NMS Stocks and OTC Equity Securities for the three months prior to the quarterly tier calculation day and assigning each Equity Execution Venue to a tier based on that ranking and predefined Equity Execution Venue percentages. The Equity Execution Venues with the higher total quarterly market share will be ranked in Tier 1, and the Equity Execution Venues with the lower quarterly market share will be ranked in Tier 2. Each quarter, each Equity ATS shall pay the following CAT Fee corresponding to the tier assigned by the CAT NMS, LLC for such Equity ATS for that quarter:

| Tier | Percentage of Equity Execution Venues | Quarterly CAT Fee |
|------|---------------------------------------|-------------------|
| 1 | 25.00% | \$63,375 |
| 2 | 75.00% | \$38,820 |

(c) Timing and Manner of Payments

(1) The CAT NMS, LLC will provide each Industry Member with one invoice each quarter for its CAT Fees as determined pursuant to paragraph (b) above, regardless of whether the Industry Member is a member of multiple self-regulatory organizations. Each Industry Member will pay its CAT Fees to the CAT NMS, LLC via the centralized system for the collection of CAT Fees established by the CAT NMS, LLC in the manner prescribed by the CAT NMS, LLC.

(2) Each Industry Member shall pay CAT Fees within thirty days after receipt of an invoice or other notice indicating payment is due (unless a longer payment period is otherwise indicated). If an Industry Member fails to pay any such fee when due, such Industry Member shall pay interest on the outstanding balance from such due date until such fee is paid at a per annum rate equal to the lesser of (i) the Prime Rate plus 300 basis points, or (ii) the maximum rate permitted by applicable law.

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 |

MIAX will assess a one-time Membership Application Fee on the earlier of (i) the date the applicant is certified in the membership system, or (ii) once an application for MIAX membership is finally denied.

b) Monthly Trading Permit Fee

MIAX will issue Trading Permits¹⁹ to Members that confer the ability to transact on MIAX. Members receiving Trading Permits during a particular calendar month will be assessed Trading Permit Fees according to the schedules below.

| Type of Trading Permit | Monthly MIAX Trading Permit Fee |
|----------------------------|---------------------------------|
| Electronic Exchange Member | \$1,500.00 |

Monthly Trading Permit Fees will be assessed with respect to EEMs (other than Clearing Firms) in any month the EEM is certified in the membership system and the EEM is credentialed to use one or more FIX Ports in the production environment.

Monthly Trading Permit Fees will be assessed with respect to EEM-Clearing Firms in any month the Clearing Firm is certified in the membership system to clear transactions on the Exchange.

Monthly Trading Permit Fees will be assessed with respect to Market Makers in any month the Market Maker is certified in the membership system, is credentialed to use one or more MEI Ports in the production environment and is assigned to quote in one or more classes.

Notwithstanding the foregoing, 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.

¹⁹ For a complete description of MIAX Trading Permits, see MIAX Rule 200.

| Type of Trading Permit | Monthly MIAX Trading Permit Fee | Market Maker Assignments (the lesser of the applicable measurements below) | |
|--|---------------------------------|---|--|
| | | Per Class | % of National Average Daily Volume |
| Market Maker (includes RMM, LMM, PLMM) | \$7,000.00 | Up to 10 Classes | Up to 20% of Classes by volume |
| | \$12,000.00 | Up to 40 Classes | Up to 35% of Classes by volume |
| | \$17,000.00 | Up to 100 Classes | Up to 50% of Classes by volume |
| | \$22,000.00 | Over 100 Classes | Over 50% of Classes by volume up to all Classes listed on MIAX |

For the calculation of the monthly Market Maker Trading Permit Fees, the number of classes is defined as the greatest number of classes the Market Maker was assigned to quote in on any given day within the calendar month and the class volume percentage is based on the total national average daily volume in classes listed on MIAX in the prior calendar quarter. Newly listed option classes are excluded from the calculation of the monthly Market Maker Trading Permit Fee until the calendar quarter following their listing, at which time the newly listed option classes will be included in both the per class count and the percentage of total national average daily volume. The Exchange will assess MIAX Market Makers the monthly Market Maker Trading Permit Fee based on the greatest number of classes listed on MIAX that the MIAX Market Maker was assigned to quote in on any given day within a calendar month and the applicable fee rate that is the lesser of either the per class basis or percentage of total national average daily volume measurement. For example, if Market Maker 1 elects to quote the top 40 option classes which consist of 58% of the total national average daily volume in the prior calendar quarter, the Exchange would assess \$12,000 to Market Maker 1 for the month which is the lesser of 'up to 40 classes' and 'over 50% of classes by volume up to all classes listed on MIAX'. If Market Maker 2 elects to quote the bottom 1000 option classes which consist of 10% of the total national average daily volume in the prior quarter, the Exchange would assess \$7,000 to Market Maker 2 for the month which is the lesser of 'over 100 classes' and 'up to 20% of classes by volume'.

4) Testing and Certification Fees

a) Member Application Programming Interface (API) Testing and Certification Fee

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

API Testing and Certification Fees for EEMs (other than clearing firms) will be assessed (i) initially per API for FIX, FXD and CTD (as defined below) in the month the EEM has been credentialed to use one or more ports in the production environment for the tested API, and (ii) each time an EEM initiates a change to its system that requires testing and certification.

API Testing and Certification Fees for EEM-Clearing Firms will be assessed (i) initially per API in the month the EEM-Clearing Firm has been credentialed to use one or more CTD ports in the production environment, and (ii) each time an EEM-Clearing Firm initiates a change to its system that requires testing and certification.

API Testing and Certification Fees for Market Makers will be assessed (i) initially per API for CTD and MEI (as defined below) in the month the Market Maker has been credentialed to use one or more ports in the production environment for the tested API and the Market Maker has been assigned to quote in one or more classes, and (ii) each time a Market Maker initiates a change to its system that requires testing and certification.

API Testing and Certification Fees will not be assessed in situations where the Exchange initiates a mandatory change to the Exchange's system that requires testing and certification.

b) Non-Member API Testing and Certification Fee

| Non-Member | API Testing and Certification Fee |
|---|-----------------------------------|
| Third Party Vendors ²⁰ and Service Bureaus ²¹ and other non-Members | \$1,200.00 |

API Testing and Certification Fees for Third Party Vendors, Service Bureaus and other non-Members will be assessed (i) initially per API for FIX, FXD, CTD and MEI (as defined below) in the month the Non-Member has been credentialed to use one or more ports in the production environment for the tested API, and (ii) each time a Third Party Vendor, Service Bureau, or other non-Member initiates a change to its system that requires testing and certification.

API Testing and Certification Fees will not be assessed in situations where the Exchange initiates a mandatory change to the Exchange's system that requires testing and certification.

²⁰ Third Party Vendors are subscribers of MIAx's market and other data feeds, which they in turn use for redistribution purposes.

²¹ 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.

c) Member Network Connectivity Testing and Certification Fee

| Type of Member | 1 Gigabit Fee Per Connection | 10 Gigabit 10 Gigabit ULL Fee Per Connection |
|-----------------|---------------------------------|--|
| Individual Firm | \$1,000.00 | \$4,000.00 |

Member Network Connectivity Testing and Certification Fees will be assessed (i) initially per connection in the month the Individual Firm has been credentialed to use any API or Market Data feeds in the production environment utilizing the tested network connection, and (ii) each time an Individual Firm initiates a change to its system that requires network connectivity testing and certification.

Network Connectivity Testing and Certification Fees will not be assessed in situations where the Exchange initiates a mandatory change to the Exchange’s system that requires testing and certification. Member Network Connectivity Testing and Certification Fees will not be assessed for testing and certification of connectivity to the Exchange’s Disaster Recovery Facility.

The MIAX Express Network Interconnect (“MENI”) is a network infrastructure which provides Members and non-Members network connectivity to the trading platforms, market data systems, test systems, and disaster recovery facilities of the Exchange. The MENI consists of the low latency and ultra low latency (“ULL”) connectivity options set forth in the Exchange’s Fee Schedule. The MENI can also be configured to provide network connectivity to the trading platforms, market data systems, test systems, and disaster recovery facilities of the Exchange’s affiliate, MIAX PEARL, via a single, shared connection.

Members utilizing the MENI to connect to the trading platforms, market data systems, test systems, and disaster recovery facilities of the Exchange and MIAX PEARL via a single, shared connection will only be assessed one Network Connectivity Testing and Certification Fee per connection tested, regardless of the trading platforms, market data systems, test systems, and disaster recovery facilities accessed via such connection.

d) Non-Member Network Connectivity Testing and Certification Fee

| Non-Member | 1 Gigabit Fee Per Connection | 10 Gigabit 10 Gigabit ULL Fee Per Connection |
|--|---------------------------------|--|
| Service Bureau/Extranet Provider ²² and other non-Members | \$1,200.00 | \$4,200.00 |

Non-Member Network Connectivity Testing and Certification fees will be assessed (i) initially per connection in the month the Service Bureau, Extranet Provider or other non-Member has been credentialed to use any API or Market Data feeds in the production environment using the tested network connection, and (ii) each time a Service Bureau, Extranet Provider or other non-Member initiates a change to its system that requires network connectivity testing and certification.

²² 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.

Network Connectivity Testing and Certification Fees will not be assessed in situations where the Exchange initiates a mandatory change to the Exchange’s system that requires testing and certification. Non-Member Network Connectivity Testing and Certification Fees will not be assessed for testing and certification of connectivity with the Exchange’s Disaster Recovery Facility.

Non-Members utilizing the MENI to connect to the trading platforms, market data systems, test systems, and disaster recovery facilities of the Exchange and MIAX PEARL via a single, shared connection will only be assessed one Network Connectivity Testing and Certification Fee per connection tested, regardless of the trading platforms, market data systems, test systems, and disaster recovery facilities accessed via such connection.

5) System Connectivity Fees

a) Monthly Member Network Connectivity Fee

| Member Network Connectivity Per Month | Primary/Secondary Facility 1 Gigabit Per Connection | Disaster Recovery Facility 1 Gigabit Per Connection | Primary/Secondary Facility 10 Gigabit Per Connection | Disaster Recovery Facility 10 Gigabit Per Connection | Primary/Secondary Facility 10 Gigabit ULL Per Connection |
|---------------------------------------|---|---|--|--|--|
| Individual Firm | \$1,100.00 | \$500.00 | \$5,500.00 | \$2,500.00 | \$8,500.00 |

Monthly Member Network Connectivity fees for connectivity with the Primary/Secondary Facility will be assessed in any month the Member is credentialed to use any of the MIAX APIs or Market Data feeds in the production environment and will be pro-rated when a Member makes a change to the connectivity (by adding or deleting connections) with such pro-rated fees based on the number of trading days that the Member has been credentialed to utilize any of the MIAX APIs or Market Data feeds in the production environment through such connection, divided by the total number of trading days in such month multiplied by the applicable monthly rate. Monthly Member Network Connectivity fees for connectivity with the Disaster Recovery Facility will be assessed in each month during which the Member has established connectivity with the Disaster Recovery Facility.

Members utilizing the MENI to connect to the trading platforms, market data systems, test systems, and disaster recovery facilities of the Exchange and MIAX PEARL via a single, shared connection will only be assessed one Monthly Member Network Connectivity Fee per connection, regardless of the trading platforms, market data systems, test systems, and disaster recovery facilities accessed via such connection.

b) Monthly Non-Member Network Connectivity Fee

| Non-Member Network Connectivity Per Month | Primary/Secondary Facility 1 Gigabit Per Connection | Disaster Recovery Facility 1 Gigabit Per Connection | Primary/Secondary Facility 10 Gigabit Per Connection | Disaster Recovery Facility 10 Gigabit Per Connection | Primary/Secondary Facility 10 Gigabit ULL Per Connection |
|--|---|---|--|--|--|
| Service Bureau/Extranet Provider and other non-Members | \$1,100.00 | \$500.00 | \$5,500.00 | \$2,500.00 | \$8,500.00 |

Monthly Non-Member Network Connectivity fees for connectivity with the Primary/Secondary Facility will be assessed in each month the Non-Member has been credentialed to use any of the MIAX APIs or Market Data feeds via the network connection in the production environment and will be pro-rated when a Non-Member makes a change to the connectivity (by adding or deleting connections) with such pro-rated fees based on the number of trading days that the Non-Member has been credentialed to utilize any of the MIAX APIs or Market Data feeds in the production environment through such connection, divided by the total number of trading days in such month multiplied by the applicable monthly rate. Monthly Non-Member Network Connectivity fees for connectivity with the Disaster Recovery Facility will be assessed in each month during which the Non-Member has established connectivity with the Disaster Recovery Facility.

Non-Members utilizing the MENI to connect to the trading platforms, market data systems, test systems, and disaster recovery facilities of the Exchange and MIAX PEARL via a single, shared connection will only be assessed one Monthly Non-Member Network Connectivity Fee per connection, regardless of the trading platforms, market data systems, test systems, and disaster recovery facilities accessed via such connection.

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),²³ 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.

²³ 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.

d) Port Fees

i) FIX Port Fees

MIAX will assess monthly Financial Information Exchange (“FIX”) Port²⁴ Fees on Members in each month the Member is credentialed to use a FIX Port in the production environment and based upon the number of credentialed FIX Ports.

| FIX Port Fees | MIAX Monthly Port Fees Includes Connectivity to the Primary, Secondary and Disaster Recovery Data Centers²⁵ |
|-----------------------------|---|
| 1st FIX Port | \$550 per month |
| FIX Ports 2 through 5 | \$350 per month per port |
| Additional FIX Ports over 5 | \$150 per month per port |

ii) MEI Port Fees

| Monthly MIAX MEI Fees | Market Maker Assignments (the lesser of the applicable measurements below) | |
|------------------------------|---|--|
| | Per Class | % of National Average Daily Volume |
| \$5,000.00 | Up to 5 Classes | Up to 10% of Classes by volume |
| \$10,000.00 | Up to 10 Classes | Up to 20% of Classes by volume |
| \$14,000.00 | Up to 40 Classes | Up to 35% of Classes by volume |
| \$17,500.00 | Up to 100 Classes | Up to 50% of Classes by volume |
| \$20,500.00 | Over 100 Classes | Over 50% of Classes by volume up to all Classes listed on MIAX |

MIAX will assess monthly MIAX Express Interface (“MEI”)²⁶ Port Fees on Market Makers in each month the Member has been credentialed to use the MEI Port in the production environment and has been assigned to quote in at least one class. The amount of the monthly MEI Port Fee will be based upon the number of classes in which the Market Maker was assigned to quote on any given day within the calendar month, and upon the class volume percentages set forth in the above table. The class volume percentage is based on the total national average daily volume in classes listed on MIAX in the prior calendar quarter. Newly listed option classes are excluded from the calculation of the monthly MEI Port Fee until the calendar quarter following their listing, at which time the newly listed option classes will be included in both the per class count and the percentage of total national average daily volume. The Exchange will assess MIAX Market Makers the monthly MEI Port Fee based on the greatest number of classes listed on MIAX that the MIAX Market Maker was assigned to quote in on any given day within a calendar month and the applicable fee rate that is the lesser of either the per class basis or percentage of total national average daily volume measurement. For example, if Market Maker 1 elects to quote the top 40 option classes which consist of 58% of the total national average daily volume in the prior calendar quarter, the Exchange would assess \$14,000 to Market Maker 1 for the month which is the lesser of ‘up to 40 classes’

²⁴ 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 simple and complex orders electronically to MIAX.

²⁵ 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.

²⁶ MIAX Express Interface is a connection to MIAX systems that enables Market Makers to submit simple and complex electronic quotes to MIAX.

and 'over 50% of classes by volume up to all classes listed on MIAX'. If Market Maker 2 elects to quote the bottom 1000 option classes which consist of 10% of the total national average daily volume in the prior quarter, the Exchange would assess \$5,000 to Market Maker 2 for the month which is the lesser of 'over 100 classes' and 'up to 10% of classes by volume'.

MEI Port users will be allocated two (2) Full Service MEI Ports²⁷ and two (2) Limited Service MEI Ports²⁸ per matching engine²⁹ to which they connect. MEI Port Fees include MEI Ports at the Primary, Secondary and Disaster Recovery data centers. MIAX Market Makers may request additional Limited Service MEI Ports for which MIAX will assess MIAX Market Makers \$100 per month per additional Limited Service MEI Port for each engine.³⁰

iii) Clearing Trade Drop Port Fees

| Description | Monthly Fee |
|---------------------------|-------------------------------------|
| Real-Time CTD Information | \$0.0030 per executed contract side |

Clearing Trade Drop ("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, 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); (v) Exchange Member Participant Identifier ("MPID") for each side of the transaction, including Clearing Member MPID; and (vi) strategy specific information for complex transactions. CTD Port Fees will be assessed in any month the Member is credentialed to use the CTD Port in the production environment.

²⁷ Full Service MEI Ports provide Market Makers with the ability to send Market Maker simple and complex 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.

²⁸ Limited Service MEI Ports provide Market Makers with the ability to send simple and complex 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.

²⁹ 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.

³⁰ Market Makers are limited to six additional Limited Service MEI Ports per matching engine, for a total of eight per matching engine.

iv) FIX Drop Copy Port Fees

| Description | MIAX Monthly Port Fees Includes connectivity to the Primary, Secondary and Disaster Recovery Data Centers ³¹ |
|--------------------|--|
| FIX Drop Copy Port | \$500 per month |

The FIX Drop Copy Port (“FXD”) is a messaging interface that will provide a copy of real-time trade execution, trade correction and trade cancellation information for simple and complex orders to FIX Drop Copy Port users who subscribe to the service. FIX Drop Copy Port users are those users who are designated by an EEM to receive the information and the information is restricted for use by the EEM only. FXD Port Fees will be assessed in any month the Member is credentialed to use the FXD Port in the production environment.

e) Electronic Exchange Member MPID Fees

MIAX will assess monthly MIAX Member Participant Identifier (“MPID”) fees to EEMs, based upon the number of MPIDs assigned to the particular EEM in a given month in each month the Member is credentialed to use such MPIDs in the production environment.

| EEM MPID Fees | EEM Monthly MPID Fees |
|--|-------------------------------|
| 1st MPID per EEM | \$200 per month |
| 2 nd through 5 th EEM MPID | \$100 per month for each MPID |
| Each Additional EEM MPID over 5 | \$50 per month for each MPID |

f) Member and Non-Member Technical Support Request Fee

Members and Non-Members that request MIAX technical support at any of the MIAX data centers will be assessed a fee of \$200 per hour for such technical support.

³¹ 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.

6) Market Data Fees

a) MIAX Top of Market (“ToM”) and Complex Top of Market (“cToM”)

| Distributor Type | ToM Monthly Fee | cToM Monthly Fee |
|----------------------|-----------------|------------------|
| Internal Distributor | \$1,250.00 | \$0.00 |
| External Distributor | \$1,750.00 | \$0.00 |

MIAX will assess Market Data Fees (as applicable) to ToM and cToM on Internal and External Distributors in each month the Distributor is credentialed to use ToM or cToM in the production environment. 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 and/or cToM, as applicable, will be reduced for new Distributors for the first month during which they subscribe to ToM and/or cToM, as applicable, based on the number of trading days that have been held during the month prior to the date on which they have been credentialed to use ToM and/or cToM, as applicable, in the production environment. 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 have been credentialed to use ToM and/or cToM in the production environment, divided by the total number of trading days in the affected calendar month.

b) Administrative Information Subscriber (“AIS”)

| Distributor Type | Monthly Fee |
|----------------------|-------------|
| Internal Distributor | \$1,250.00 |
| External Distributor | \$1,750.00 |

MIAX will assess Market Data Fees applicable to AIS on Internal and External Distributors in each month the Distributor is credentialed to use AIS in the production environment. 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 have been credentialed to use AIS in the production environment, based on the number of trading days that have been held during the month prior to the date on which they have been credentialed to use AIS in the production environment. 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 have been credentialed to use AIS in the production environment, 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 or cToM. AIS includes administrative information for simple and complex orders.

c) MIAX Order Feed (“MOR”)

| Distributor Type | Monthly Fee |
|----------------------|-------------|
| Internal Distributor | \$3,000.00 |
| External Distributor | \$3,500.00 |

MIAX will assess Market Data Fees applicable to MOR on Internal and External Distributors in each month the Distributor is credentialed to use MOR in the production environment. 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 MOR will be reduced for new Distributors for the first month during which they have been credentialed to use MOR in the production environment, based on the number of trading days that have been held during the month prior to the date on which they have been credentialed to use MOR in the production environment. 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 have been credentialed to use MOR in the production environment, divided by the total number of trading days in the affected calendar month. MOR subscribers will receive information for simple and complex orders.