



HIGHLIGHT OF JANUARY 1, 2017 FEE CHANGES

(Changes Highlighted Below)

1) Transaction Fees

a) Exchange Fee

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 MIA X
	Penny Classes	Non-Penny Classes		Penny Classes	Non-Penny Classes	
Priority Customer 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 MIA X Rule 100) that enters an order that is executed for the account of a Priority Customer.
Public Customer that is Not a Priority Customer	\$0.47 ⁴	\$0.75 ⁵	\$0.08	\$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

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.

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-MIAx Market Maker</i>	\$0.47 ⁸	\$0.75 ⁹	\$0.08	\$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.
<i>Non-Member Broker-Dealer</i>	\$0.47 ¹⁰	\$0.75 ¹¹	\$0.08	\$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>	\$0.45 \$0.47 ¹²	\$0.75 ¹³	\$0.08	\$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.

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.

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 ~~\$0.43~~ \$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.

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	\$1,000.00 \$1,100.00	\$500.00	\$5,000.00 \$5,500.00	\$2,500.00	\$7,500.00 \$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.

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	\$1,000.00 \$1,100.00	\$500.00	\$5,000.00 \$5,500.00	\$2,500.00	\$7,500.00 \$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.

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.

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 Centers ²⁵	
1st FIX Port	\$500	\$550 per month
FIX Ports 2 through 5	\$300	\$350 per month per port
Additional FIX Ports over 5	\$100	\$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

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.

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.

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' 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 \$50 \$100 per month per additional Limited Service MEI Port for each engine.³⁰

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.