

MIAX Pearl Equities Exchange

Fee Schedule

As of June 6, 2025

All Exchange invoices are due in full on a timely basis and payable in accordance with MIAAX Pearl Equities Rule 3002(b). 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.

All fees and rebates assessed prior to the three full calendar months before the month in which the Exchange becomes aware of a billing error shall be considered final.

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Definitions

For purposes of assessing fees, the following definitions should serve as guidance. Unless otherwise specified, capitalized terms used in this fee schedule are defined as set forth in the MIAX Pearl Equities Rules. Rebates and fees are listed per share unless otherwise noted.

“ADAV” means average daily added volume calculated as the number of shares added per day and “ADV” means average daily volume calculated as the number of shares added or removed, combined, per day. ADAV and ADV are calculated on a monthly basis. “NBBO Set Volume” means the ADAV in all securities of an Equity Member that sets the NBB or NBO on MIAX Pearl Equities.

“Cross-connect” occurs when the affected third-party system is sited at the same data center where MIAX Pearl Equities systems are sited, and the third-party connects to MIAX Pearl Equities through the data center, rather than connecting directly to MIAX Pearl Equities outside of the data center.

“Exchange System Disruption” means an outage of a Matching Engine or collective Matching Engines for a period of two consecutive hours or more, during trading hours.

“Extranet Provider” means a technology provider that connects with MIAX Pearl Equities systems and in turn provides such connectivity to MIAX Pearl Equities participants that do not connect directly with MIAX Pearl Equities.

“FIX Order by Order” means a type of FXD Port that sends all order activities other than reject message, including Execution Reports and Trade Cancel/Correct messages.

“FIX Order Interface” or “FOI” means the Financial Information Exchange interface for certain order types as set forth in Exchange Rule 2614.

“FIX Port” means a FIX port that allows Equity Members to send orders and other messages using the FIX protocol.

“Full Service Port” or “FSP” means an MEO port that supports all MEO order input message types.

“FIX Drop Port” or “FXD” means a messaging interface that provides real-time order activities of firms’ MEO and FOI orders. MIAX Pearl Equities offers two types of FXD ports: (1) Standard FIX Drop; and (2) FIX Order by Order Drop. FXD Ports may be used by Equities Market Makers, Order Entry Firms and Clearing firms.

“Market Quality Securities” or “MQ Securities” shall mean a list of securities designated as such, that are used for the purposes of qualifying for the rebates described in Level B and Level C of the Market Quality Tier columns in the NBBO Setter Plus Program. The universe of these securities will be determined by the Exchange and published on the Exchange’s website.

“MENI” means the MIAX Express Network Interconnect, which is a network infrastructure which provides Equity 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.

“MEO Interface” or “MEO” means a binary order interface for certain order types as set forth in Rule 2614 into the MIAX Pearl System. See Exchange Rule 100.

“Percent Time at NBBO” means the aggregate of the percentage of time during regular trading hours where a Member has a displayed order of at least one round lot at the national best bid (“NBB”) or national best offer (“NBO”). For the avoidance of doubt, only orders that are at the NBB or NBO during the Regular Trading Session count towards the Percent Time at NBBO calculation.

“Service Bureau” means a technology provider that offers and supplies technology and technology services to a trading firm that does not have its own proprietary system.

“Standard FIX Drop” means an FXD Port that only sends trade information, including Execution Reports and Trade Cancel/Correct messages.

“TCV” means total consolidated volume calculated as the volume in shares reported by all exchanges and reporting facilities to a consolidated transaction reporting plan for the month for which the fees apply.

“Third Party Vendor” means a subscriber of MIAX Pearl Equities’ market and other data feeds, which they in turn use for redistribution purposes.

General Notes

Rebates are indicated by parentheses ().

All references to “per share” mean “per share executed.”

Unless otherwise indicated, rebates and charges for adding, removing or routing liquidity are listed as per share rebates and charges.

Web CRD fees set forth in Section 2)c) of the MIAx Pearl Options Fee Schedule will be assessed on MIAx Pearl Equity Members (as applicable) and collected by FINRA.

The Exchange notes that to the extent a Pearl Equity Member does not qualify for any of the tiers contained herein, the rates listed in the “Liquidity Indicator Codes and Associated Fees” table shall apply.

To the extent a Pearl Equity Member qualifies for higher rebates and/or lower fees than those provided by a tier for which such Member qualifies, the higher rebates and/or lower fees shall apply.

The Exchange excludes from its calculation of ADAV, ADV, and TCV, and for the purpose of determining qualification for the rebates described in all Levels of the Market Quality Tier columns in the NBBO Setter Plus Program: (1) any trading day that the Exchange’s system experiences a disruption that lasts for more than 60 minutes during regular trading hours; (2) any day with a scheduled early market close; (3) the “Russell Reconstitution Day” (typically the last Friday in June); (4) any day that the MSCI Equities Indexes are rebalanced (i.e., on a quarterly basis); and (5) any day that the S&P 400, S&P 500, and S&P 600 Indexes are rebalanced (i.e., on a quarterly basis).

Routed shares are not included in the ADAV or ADV calculation.

With prior notice to the Exchange, an Equity Member may aggregate ADAV or ADV with other Equity Members that control, are controlled by, or are under common control with such Equity Member (as evidenced on such Equity Member’s Form BD).

1) Transaction Rebates/Fees

a) Standard Rates

Category	Adding Liquidity Displayed Order	Adding Liquidity Displayed Retail Order	Adding Liquidity Non-Displayed Order	Removing Liquidity	Routing and Removing Liquidity	Opening or Re-Opening Process
Securities at or above \$1.00	Tapes A, B, and C (\$0.0021)	Tapes A, B, and C (\$0.0037)	(\$0.00205)	\$0.00295	\$0.0030	\$0.00
Securities below \$1.00	(0.15% of Dollar Value)	(0.15% of Dollar Value)	(0.15% of Dollar Value)	0.20% of Dollar Value	0.30% of Dollar Value	\$0.00
Standard Liquidity Indicator Codes	AA, EA, FA, AB, EB, FB AC, EC, FC	AR, ER, FR	Aa, Ea, Fa, Ab, Eb, Fb, Ac, Ec, Fc, Ap, Ep, Fp, Ar, Er, Fr	RA, eA, fA, Ra, ea, fa, RB, eB, fB, Rb, eb, fb, RC, eC, fC, Rc, ec, fc, Rp, ep, fp, RR, eR, fR, Rr, er, fr, RT, eT, fT, Rt, et, ft	X	O

b) Liquidity Indicator Codes and Associated Fees

Liquidity Indicator Code	Description	Fee/(Rebate) Securities Priced at or Above \$1.00	Fee/(Rebate) Securities Priced Below \$1.00
AA	Adds Liquidity, Displayed Order (Tape A)	(\$0.0021)	(0.15% of Dollar Value)
EA	Early Trading Session, Adds Liquidity, Displayed Order (Tape A)	(\$0.0021)	(0.15% of Dollar Value)
FA	Late Trading Session, Adds Liquidity, Displayed Order (Tape A)	(\$0.0021)	(0.15% of Dollar Value)
AB	Adds Liquidity, Displayed Order (Tape B)	(\$0.0021)	(0.15% of Dollar Value)
EB	Early Trading Session, Adds Liquidity, Displayed Order (Tape B)	(\$0.0021)	(0.15% of Dollar Value)
FB	Late Trading Session, Adds Liquidity, Displayed Order (Tape B)	(\$0.0021)	(0.15% of Dollar Value)
AC	Adds Liquidity, Displayed Order (Tape C)	(\$0.0021)	(0.15% of Dollar Value)
EC	Early Trading Session, Adds Liquidity, Displayed Order (Tape C)	(\$0.0021)	(0.15% of Dollar Value)

Liquidity Indicator Code	Description	Fee/(Rebate) Securities Priced at or Above \$1.00	Fee/(Rebate) Securities Priced Below \$1.00
FC	Late Trading Session, Adds Liquidity, Displayed Order (Tape C)	(\$0.0021)	(0.15% of Dollar Value)
AR	Retail Order, Adds Liquidity, Displayed Order (All Tapes)	(\$0.0037)	(0.15% of Dollar Value)
ER	Early Trading Session, Retail Order, Adds Liquidity, Displayed Order (All Tapes)	(\$0.0037)	(0.15% of Dollar Value)
FR	Late Trading Session, Retail Order, Adds Liquidity, Displayed Order (All Tapes)	(\$0.0037)	(0.15% of Dollar Value)
Aa	Adds Liquidity, Non-Displayed Order (Tape A)	(\$0.00205)	(0.15% of Dollar Value)
Ea	Early Trading Session, Adds Liquidity, Non-Displayed Order (Tape A)	(\$0.00205)	(0.15% of Dollar Value)
Fa	Late Trading Session, Adds Liquidity, Non-Displayed Order (Tape A)	(\$0.00205)	(0.15% of Dollar Value)
Ab	Adds Liquidity, Non-Displayed Order (Tape B)	(\$0.00205)	(0.15% of Dollar Value)
Eb	Early Trading Session, Adds Liquidity, Non-Displayed Order (Tape B)	(\$0.00205)	(0.15% of Dollar Value)
Fb	Late Trading Session, Adds Liquidity, Non-Displayed Order (Tape B)	(\$0.00205)	(0.15% of Dollar Value)
Ac	Adds Liquidity, Non-Displayed Order (Tape C)	(\$0.00205)	(0.15% of Dollar Value)
Ec	Early Trading Session, Adds Liquidity, Non-Displayed Order (Tape C)	(\$0.00205)	(0.15% of Dollar Value)
Fc	Late Trading Session, Adds Liquidity, Non-Displayed Order (Tape C)	(\$0.00205)	(0.15% of Dollar Value)
Ap	Adds Liquidity and Executes at the Midpoint, Non-Displayed Midpoint Peg Order (All Tapes)	(\$0.00205)	(0.15% of Dollar Value)
Ep	Early Trading Session, Adds Liquidity and Executes at the Midpoint, Non-Displayed Midpoint Peg Order (All Tapes)	(\$0.00205)	(0.15% of Dollar Value)
Fp	Late Trading Session, Adds Liquidity and Executes at the Midpoint, Non-Displayed Midpoint Peg Order (All Tapes)	(\$0.00205)	(0.15% of Dollar Value)
Ar	Retail Order, Adds Liquidity, Non-Displayed Order (All Tapes)	(\$0.00205)	(0.15% of Dollar Value)
Er	Early Trading Session, Retail Order, Adds Liquidity, Non-Displayed Order (All Tapes)	(\$0.00205)	(0.15% of Dollar Value)
Fr	Late Trading Session, Retail Order, Adds Liquidity, Non-Displayed Order (All Tapes)	(\$0.00205)	(0.15% of Dollar Value)
O	Opening/Re-Opening Process	\$0.00	\$0.00
RA	Removes Liquidity, Displayed Order (Tape A)	\$0.00295	0.20% of Dollar Value
eA	Early Trading Session, Removes Liquidity, Displayed Order (Tape A)	\$0.00295	0.20% of Dollar Value
fA	Late Trading Session, Removes Liquidity, Displayed Order (Tape A)	\$0.00295	0.20% of Dollar Value

Liquidity Indicator Code	Description	Fee/(Rebate) Securities Priced at or Above \$1.00	Fee/(Rebate) Securities Priced Below \$1.00
RB	Removes Liquidity, Displayed Order (Tape B)	\$0.00295	0.20% of Dollar Value
eB	Early Trading Session, Removes Liquidity, Displayed Order (Tape B)	\$0.00295	0.20% of Dollar Value
fB	Late Trading Session, Removes Liquidity, Displayed Order (Tape B)	\$0.00295	0.20% of Dollar Value
RC	Removes Liquidity, Displayed Order (Tape C)	\$0.00295	0.20% of Dollar Value
eC	Early Trading Session, Removes Liquidity, Displayed Order (Tape C)	\$0.00295	0.20% of Dollar Value
fC	Late Trading Session, Removes Liquidity, Displayed Order (Tape C)	\$0.00295	0.20% of Dollar Value
RR	Retail Order, Removes Liquidity, Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
eR	Early Trading Session, Retail Order, Removes Liquidity, Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
fR	Late Trading Session, Retail Order, Removes Liquidity, Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
RT	Removes Retail Order Liquidity, Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
eT	Early Trading Session, Removes Retail Order Liquidity, Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
fT	Late Trading Session, Removes Retail Order Liquidity, Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
Ra	Removes Liquidity, Non-Displayed Order (Tape A)	\$0.00295	0.20% of Dollar Value
ea	Early Trading Session, Removes Liquidity, Non-Displayed Order (Tape A)	\$0.00295	0.20% of Dollar Value
fa	Late Trading Session, Removes Liquidity, Non-Displayed Order (Tape A)	\$0.00295	0.20% of Dollar Value
Rb	Removes Liquidity, Non-Displayed Order (Tape B)	\$0.00295	0.20% of Dollar Value
eb	Early Trading Session, Removes Liquidity, Non-Displayed Order (Tape B)	\$0.00295	0.20% of Dollar Value
fb	Late Trading Session, Removes Liquidity, Non-Displayed Order (Tape B)	\$0.00295	0.20% of Dollar Value
Rc	Removes Liquidity, Non-Displayed Order (Tape C)	\$0.00295	0.20% of Dollar Value
ec	Early Trading Session, Removes Liquidity, Non-Displayed Order (Tape C)	\$0.00295	0.20% of Dollar Value
fc	Late Trading Session, Removes Liquidity, Non-Displayed Order (Tape C)	\$0.00295	0.20% of Dollar Value
Rp	Removes Liquidity and Executes at the Midpoint, Non-Displayed Midpoint Peg Order (All Tapes)	\$0.00295	0.20% of Dollar Value
ep	Early Trading Session, Removes Liquidity and Executes at the Midpoint, Non-Displayed Midpoint Peg Order (All Tapes)	\$0.00295	0.20% of Dollar Value

Liquidity Indicator Code	Description	Fee/(Rebate) Securities Priced at or Above \$1.00	Fee/(Rebate) Securities Priced Below \$1.00
fp	Late Trading Session, Removes Liquidity and Executes at the Midpoint, Non-Displayed Midpoint Peg Order (All Tapes)	\$0.00295	0.20% of Dollar Value
Rr	Retail Order, Removes Liquidity, Non-Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
er	Early Trading Session, Retail Order, Removes Liquidity, Non-Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
fr	Late Trading Session, Retail Order, Removes Liquidity, Non-Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
Rt	Removes Retail Order Liquidity, Non-Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
et	Early Trading Session, Removes Retail Order Liquidity, Non-Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
ft	Late Trading Session, Removes Retail Order Liquidity, Non-Displayed Order (All Tapes)	\$0.00295	0.20% of Dollar Value
X	Routed	\$0.0030	0.30% of Dollar Value
XA	Re-routed by Primary Listing Exchange	\$0.0030	0.30% of Dollar Value
XB	Routed Primary Listing Exchange Execution (Other)	\$0.0030	0.30% of Dollar Value
XC	Routed to NYSE, Opening/Re-Opening Auction	\$0.00105	0.30% of Dollar Value
XD	Routed to NYSE, Closing Auction	\$0.00075	0.30% of Dollar Value
XE	Routed to NYSE, Adds Displayed Liquidity	(\$0.00215)	0.005% of Dollar Value
XF	Routed to NYSE Arca, Opening/Re-Opening Auction	\$0.00155	0.105% of Dollar Value
XG	Routed to NYSE Arca, Closing Auction	\$0.00105	0.105% of Dollar Value
XH	Routed to NYSE Arca, Adds Displayed Liquidity	(\$0.00315)	0.005% of Dollar Value
XI	Routed to NYSE American, Opening/Re-Opening Auction	\$0.00055	0.055% of Dollar Value
XJ	Routed to NYSE American, Closing Auction	\$0.00055	0.055% of Dollar Value
XK	Routed to NYSE American, Adds Displayed Liquidity	(\$0.00155)	0.005% of Dollar Value
XL	Routed to Cboe BZX, Opening/Re-Opening Auction	\$0.00135	0.00% of Dollar Value
XM	Routed to Cboe BZX, Closing Auction	\$0.00115	0.105% of Dollar Value
XN	Routed to Cboe BZX, Adds Displayed Liquidity	(\$0.00315)	0.005% of Dollar Value
XO	Routed to Nasdaq, Opening/Re-Opening Auction	\$0.00155	0.30% of Dollar Value
XP	Routed to Nasdaq, Closing Auction	\$0.00085	0.09% of Dollar Value
XQ	Routed to Nasdaq, Adds Displayed Liquidity	(\$0.00325)	0.005% of Dollar Value

c) NBBO Setter Plus Program

Equity Members will receive the rebates described in the NBBO Setter Plus table for executions of orders in securities during the Early, Regular, and Late Trading Sessions priced at or above \$1.00 per share that add displayed liquidity to the Exchange across all Tapes, depending on (i) the tier achieved using four volume-based calculation methods, and (ii) participation at the NBBO on the Exchange in MQ Securities. The rebates provided for by the below table are applicable to the following Liquidity Indicator Codes: AA, EA, FA, AB, EB, FB, AC, EC, and FC.

NBBO Setter Plus Table							
	Methods To Determine Tier Based On Volume				Market Quality Tiers and Applicable Rebate Levels		
	Method 1: ADAV as a % of TCV	Method 2: NBBO Set Volume as a % of TCV	Method 3: Total ADV as a % of TCV	Method 4: ADAV as a % of TCV (Excluding Sub-Dollar Volume)	Level A: Base Rebates	Level B: Equity Member Percent Time at the NBBO \geq 25% and < 50%	Level C: Equity Member Percent Time at the NBBO \geq 50%
Tier 1	$\geq 0.00\%$ and < 0.035%	$\geq 0.00\%$ and < 0.01%	$\geq 0.00\%$ and < 0.15%	$\geq 0.00\%$ and < 0.035%	(\$0.00210)	(\$0.00215)	(\$0.00220)
Tier 2	$\geq 0.035\%$ and < 0.05%	$\geq 0.01\%$ and < 0.015%	$\geq 0.15\%$ and < 0.18%	$\geq 0.035\%$ and < 0.05%	(\$0.00280)	(\$0.00285)	(\$0.00290)
Tier 3	$\geq 0.05\%$ and < 0.08%	$\geq 0.015\%$ and < 0.02%	$\geq 0.18\%$ and < 0.20%	$\geq 0.05\%$ and < 0.08%	(\$0.00290)	(\$0.00295)	(\$0.00300)
Tier 4	$\geq 0.08\%$ and < 0.20%	$\geq 0.02\%$ and < 0.03%	$\geq 0.20\%$ and < 0.60%	$\geq 0.08\%$ and < 0.20%	(\$0.00300)	(\$0.00305)	(\$0.00310)
Tier 5	$\geq 0.20\%$ and < 0.40%	$\geq 0.03\%$ and < 0.08%	$\geq 0.60\%$ and < 1.00%	$\geq 0.20\%$ and < 0.40%	(\$0.00325)	(\$0.00330)	(\$0.00335) ³
Tier 6	$\geq 0.40\%$	$\geq 0.08\%$	$\geq 1.00\%$	$\geq 0.40\%$	(\$0.00330)	(\$0.00335)	(\$0.00340)

NBBO Setter Additive Rebate (additive rebate for executions of orders in securities priced at or above \$1.00 per share that set the NBB or NBO on MIAX Pearl Equities with a minimum size of a round lot): (\$0.0003). This rebate will be applied only to orders executed during the Regular Trading Session. To qualify for this rebate, Equity Members must execute at least 0.015% of NBBO Set Volume as a % of TCV during the relevant month.

NBBO First Joiner Additive Rebate (additive rebate for executions of orders in securities priced at or above \$1.00 per share that bring MIAX Pearl Equities to the established NBB or NBO with a minimum size of a round lot): (\$0.0001). This rebate will be applied only to orders executed during the Regular Trading Session. To qualify for this rebate, Equity Members must execute at least 0.015% of NBBO Set Volume as a % of TCV during the relevant month.

Notes to NBBO Setter Plus Table

1. MIAX Pearl Equities allows an Equity Member to qualify into a Tier using one of four methods, all of which are based on volume as a percentage of TCV. Qualifying into a Tier requires the Equity Member to satisfy only one of the four methods. The Equity Member is not required to fulfill multiple methods to qualify for that Tier. The volume executed during the Early, Regular, and Late Trading Sessions will be included in each volume calculation method.
2. After qualifying into a particular Tier based on volume, the Equity Member has the ability to qualify for an enhanced rebate level based on their performance in the NBBO Setter Plus Program, which requires the Equity Member to meet specific 'Percent Time at NBBO' requirements in at least 200 securities in the entire list of MQ Securities, as noted in the table above. Only orders that are at the NBB or NBO during the Regular Trading Session count towards the Percent Time at NBBO calculation. The list of MQ Securities is determined by MIAX Pearl Equities and is listed on the MIAX Pearl Equities website. The list of MQ Securities will be updated each time a security is added or removed from the list.
3. An Equity Member may qualify for the enhanced rebate of Tier 5, Level C via an alternative method by satisfying the following three requirements in the relevant month: (1) Midpoint ADAV of at least 2,500,000 shares; (2) Displayed ADAV of at least 10,000,000 shares; and (3) Percent Time at the NBBO of at least 50% in 200 or more symbols from the list of MQ Securities.
4. Reserved.
5. Retail Orders are not eligible for the NBBO Setter Additive Rebate or the NBBO First Joiner Additive Rebate as these rebates only apply to Liquidity Indicator Codes AA, AB and AC.
6. For volume calculation Method 4, when calculating both the numerator (ADAV) and the denominator (TCV), executions of orders in securities priced below \$1.00 per share across all Tapes will be excluded.

d) Reserved.

e) Midpoint Peg Order Adding Liquidity at Midpoint Volume Tiers

Tier	Share Thresholds	Securities Priced at or Above \$1.00
1	Midpoint ADAV \geq 500,000 shares	(\$0.0025)
2	Midpoint ADAV \geq 1,000,000 shares	(\$0.0027)
3	Midpoint ADAV \geq 1,500,000 shares	(\$0.0029)

The rebates provided for by the above table are applicable to the following fee code: Ap.

2) System Connectivity Fees

a) Monthly Member Network Connectivity Fees

Member Network Connectivity Per Month	Primary/Secondary Facility 1 Gigabit ULL Per Connection	Disaster Recovery Facility 1 Gigabit ULL Per Connection	Disaster Recovery Facility 10 Gigabit ULL Per Connection	Primary/Secondary Facility 10 Gigabit ULL Per Connection
Individual Firm	\$2,500.00	\$1,000.00	\$3,000.00	\$8,000.00

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 Pearl Equities 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 Pearl Equities 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. The Disaster Recovery Facility 1 Gigabit ULL Per Connection fee for Members shall be waived for a single 1 Gigabit ULL connection to the Disaster Recovery Facility where such Member is designated by the Exchange for required testing in accordance with Regulation SCI and pursuant to Chapter III of the Exchange's Rules and that same single 1 Gigabit ULL connection is used for testing purposes only. This waiver shall apply to each month in which the designated Member is required to maintain that single 1 Gigabit ULL connection to the Disaster Recovery Facility for testing purposes, as described above.

b) Monthly Non-Member Network Connectivity Fees

Non-Member Network Connectivity Per Month	Primary/Secondary Facility 1 Gigabit ULL Per Connection	Disaster Recovery Facility 1 Gigabit ULL Per Connection	Disaster Recovery Facility 10 Gigabit ULL Per Connection	Primary/Secondary Facility 10 Gigabit ULL Per Connection
Service Bureau/ Extranet Provider and other non-Members	\$2,500.00	\$1,000.00	\$3,000.00	\$8,000.00

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 Pearl Equities 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 one of the two MIAX Exchanges' 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 Pearl Equities will assess External Connectivity Fees to Members and non-Members that establish connections with MIAX Pearl Equities through a third-party. Fees assessed to MIAX Pearl Equities by third-party external vendors on behalf of a Member or non-Member connecting to MIAX Pearl Equities (including cross-connects), 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 Pearl Equities by a third-party for the benefit of a Member or non-Member.

d) Port Fees

MIAX Pearl Equities will assess monthly Port Fees on Members in each month the Member is credentialed to use a Port in the production environment. The Port Fees assessable for FIX Ports, MEO Ports, and FXD Ports are as set forth in the table below. MIAX Pearl Equities has primary and secondary data centers and a disaster recovery center. Each Port provides access to all three data centers for a single fee. Unless otherwise specifically set forth in the Fee Schedule, the Port Fees include the information communicated through the Port at no additional charge.

Type of Port	Monthly Port Fees
	Includes Connectivity to the Primary, Secondary and Disaster Recovery Data Centers
FIX Port [^]	Per Port: \$450
MEO Port ^{^*}	Per Port: \$450
FXD Port [^]	Per Port: \$450

[^] Each port will have access to all Matching Engines.

^{*} The rates set forth above for MEO Ports entitle an Equity Member to one (1) FSP and one (1) Purge Port for all Matching Engines for a single port fee.

e) Member and Non-Member Technical Support Request Fee

Equity Members and Non-Members that request MIAX Pearl Equities technical support at any of the MIAX Pearl Equities data centers will be assessed a fee of \$200 per hour for such technical support, plus the cost of materials necessary for MIAX Pearl Equities to complete such technical support.

3) Market Data Fees

Market Data Definitions

Distributor. Any entity that receives the Exchange data product directly from the Exchange or indirectly through another entity and then distributes it internally or externally to a third party.

External Distributor. A Distributor that receives the Exchange data product and then distributes that data to a third party or one or more Users outside the Distributor's own entity.

Internal Distributor. A Distributor that receives the Exchange data product and then distributes that data to one or more Users within the Distributor's own entity.

Non-Display Usage. Any method of accessing an Exchange data product that involves access or use by a machine or automated device without access or use of a display by a natural person or persons.

Non-Professional User. A natural person or qualifying trust that uses Exchange data only for personal purposes and not for any commercial purpose and, for a natural person who works in the United States, is not: (i) registered or qualified in any capacity with the Securities and Exchange Commission, the Commodities Futures Trading Commission, any state securities agency, any securities exchange or association, or any commodities or futures contract market or association; (ii) engaged as an "investment adviser" as that term is defined in Section 202(a)(11) of the Investment Advisors Act of 1940 (whether or not registered or qualified under that Act); or (iii) employed by a bank or other organization exempt from registration under federal or state securities laws to perform functions that would require registration or qualification if such functions were performed for an organization not so exempt; or, for a natural person who works outside of the United States, does not perform the same functions as would disqualify such person as a Non-Professional User if he or she worked in the United States.

Professional User. Any User other than a Non-Professional User.

Trading Platform. Any execution platform operated as or by a registered National Securities Exchange (as defined in Section 3(a)(1) of the Exchange Act), an Alternative Trading System (as defined in Rule 300(a) of Regulation ATS), or an Electronic Communications Network (as defined in Rule 600(b)(23) of Regulation NMS).

User. A Professional User or Non-Professional User.

a) MIAX Pearl Equities Top of Market (“ToM”) Feed

Delivery	Monthly Fee
Internal Distributor	\$1,000.00
External Distributor	\$2,000.00
Professional User	\$2.00
Non-Professional User	\$0.10
Enterprise Fee ^a	\$15,000.00
Non-Display Usage ^b	\$1,000.00
Non-Display Usage by Trading Platform ^{c, d}	\$1,000.00

- As an alternative to User fees, a recipient firm may purchase a monthly Enterprise license to receive ToM feed for distribution to an unlimited number of Professional and Non-Professional Users.
- Subscribers of Non-Display Usage for both the ToM and DoM feed will only be subject to the Non-Display Usage fee for the DoM feed (set forth below).
- Subscribers of Non-Display Usage by Trading Platform for both the ToM and DoM feed will only be subject to the Non-Display Usage by Trading Platforms fee for the DoM feed (set forth below).
- Fee is charged per subscriber that uses the data within a Trading Platform. The fee represents the maximum charge per subscriber regardless of the number of Trading Platforms operated by the subscriber that receives the data for Non-Display Usage.

b) MIAX Pearl Equities Depth of Market (“DoM”) Feed

Delivery	Monthly Fee
Internal Distributor	\$2,000.00
External Distributor	\$2,500.00
Professional User	\$30.00
Non-Professional User	\$3.00
Enterprise Fee ^a	\$25,000.00
Non-Display Usage ^b	\$2,500.00
Non-Display Usage by Trading Platform ^{c, d}	\$2,500.00

- As an alternative to User fees, a recipient firm may purchase a monthly Enterprise license to receive DoM feed for distribution to an unlimited number of Professional and Non-Professional Users.
- Subscribers of Non-Display Usage for both the ToM and DoM feed will only be subject to the Non-Display Usage fee for the DoM feed.
- Subscribers of Non-Display Usage by Trading Platform for both the ToM and DoM feed will only be subject to the Non-Display Usage by Trading Platforms fee for the DoM feed.
- Fee is charged per subscriber that uses the data within a Trading Platform. The fee represents the maximum charge per subscriber regardless of the number of Trading Platforms operated by the subscriber that receives the data for Non-Display Usage.

c) Historical Market Data

User Type	Fee Per Device
Members and Non-Members	\$500

MIAX Pearl Equities will assess Market Data Fees applicable to Historical Market Data on users (Members and Non-Members) that request Historical Market Data on a per device basis. Historical Market Data consists of all proprietary trading data published by MIAX Pearl Equities through its proprietary market data feeds, from September 25, 2020 to the present (on a T+1 basis). Historical Market Data is uploaded onto an Exchange-provided device. Users may request up to six months of Historical Market Data per device, subject to the device’s storage capacity. Only the most recent six months of Historical Market Data shall be available for purchase from the date of the request.

4) Reports

a) U.S. Equity Short Volume & Trades Report^{a,b}

Delivery	Fee
Monthly Fee per Internal Distributor	\$650
Monthly Fee per External Distributor	\$900
Fee per Month of Historical Data ^c	\$450

- a. The U.S. Equity Short Volume & Trades Report is available for purchase on a monthly basis or on an annual basis. A subscriber to the U.S. Equity Short Volume & Trades Report will receive access to the end-of-day report beginning on the date of subscription and will receive the end-of-month report for the subscription month on the last business day of the month during which the user subscribed.
- b. Mid-Month Subscriptions. New monthly and annual subscribers will be charged for the full calendar month for which they subscribe and will be provided end-of-day report data for each trading day of the calendar month prior to the day on which they subscribed.
- c. The U.S. Equity Short Volume & Trades Report provided on a historical basis is only for display use redistribution. Users who subscribe on an annual basis will receive 12 months of historical data included at no extra charge. Users who subscribe on a monthly basis would have the option of purchasing historical data on a per month basis.

5) Membership Fees

MIAX Pearl Equities charges \$200 per month to maintain active membership. The monthly Membership Fee will be assessed in any month the Equity Member is certified in the membership system and the Equity Member is credentialed to use one or more ports in the production environment. The MIAX Pearl Equities Membership Fee is assessed to each active Equity Member at the close of business on the first day of each month. If an Equity Member is pending a voluntary termination of rights as an Equity Member pursuant to MIAX Pearl Rule 206 prior to such fee being assessed and the Equity Member does not utilize the facilities of MIAX Pearl Equities while such voluntary termination of rights is pending, then the Equity Member will not be obligated to pay the monthly Membership Fee. MIAX Pearl Equities does not return pro-rated fees if a membership is not active for an entire month.

6) Additional Fees

Additional fees are set forth in Rule 3000 of the MIAX PEARL Rule book. Such fees include Regulatory Transaction Fees collected to fund the Exchange's Section 31 obligations.

7) Consolidated Audit Trail Funding Fees

(a) CAT Fees.

(i) Reserved.

(A) Each CAT Executing Broker shall receive its first invoice for Historical CAT Assessment 1 in November 2024, which shall set forth the Historical CAT Assessment 1 fees calculated based on transactions in October 2024, and shall receive an invoice for Historical CAT Assessment 1 for each month thereafter in which Historical CAT Assessment 1 is in effect.

(B) Consolidated Audit Trail, LLC shall provide each CAT Executing Broker with an invoice for Historical CAT Assessment 1 on a monthly basis. Each month, such invoices shall set forth a fee for each transaction in Eligible Securities executed by the CAT Executing Broker in its capacity as a CAT Executing Broker for the Buyer ("CEBB") and/or the CAT Executing Broker for the Seller ("CEBS") (as applicable) from the prior month as set forth in CAT Data. The fee for each such transaction will be calculated by multiplying the number of executed equivalent shares in the transaction by the fee rate of \$0.000013 per executed equivalent share.

(C) Historical CAT Assessment 1 will remain in effect until \$212,039,879.34 (two-thirds of Historical CAT Costs 1) are collected from CAT Executing Brokers collectively, which is estimated to be approximately two years, but could be for a longer or shorter period of time. Consolidated Audit Trail, LLC will provide notice when Historical CAT Assessment 1 will no longer be in effect.

(D) Each CAT Executing Broker shall be required to pay each invoice for Historical CAT Assessment 1 in accordance with paragraph (b).

(ii) Reserved.

(iii) CAT Fee 2024-1

(A) Each CAT Executing Broker shall receive its first invoice for CAT Fee 2024-1 in October 2024, which shall set forth the CAT Fee 2024-1 fees calculated based on transactions in September 2024, and shall receive an invoice for CAT Fee 2024-1 for each month thereafter until January 2025.

(B) Consolidated Audit Trail, LLC shall provide each CAT Executing Broker with an invoice for CAT Fee 2024-1 on a monthly basis. Each month, such invoices shall set forth a fee for each transaction in Eligible Securities executed by the CAT Executing Broker in its capacity as a CAT Executing Broker for the Buyer ("CEBB") and/or the CAT Executing Broker for the Seller ("CEBS") (as applicable) from the prior month as set forth in CAT Data. The fee for each such transaction will be calculated by multiplying the number of executed equivalent shares in the transaction by the fee rate of \$0.000035 per executed equivalent share.

(C) Notwithstanding the last invoice date of January 2025 for CAT Fee 2024-1 in paragraph 3(A), CAT Fee 2024-1 shall continue in effect after January 2025, with each CAT Executing Broker receiving an invoice for CAT Fee 2024-1 each month, until a new subsequent CAT Fee is in effect with regard to Industry Members in accordance with Section 19(b) of the Exchange Act. Consolidated Audit Trail, LLC will provide notice when CAT Fee 2024-1 will no longer be in effect.

(D) Each CAT Executing Broker shall be required to pay each invoice for CAT Fee 2024-1 in accordance with paragraph (b).

(iv) CAT Fee 2025-1

(A) Each CAT Executing Broker shall receive its first invoice for CAT Fee 2025-1 in February 2025, which shall set forth the CAT Fee 2025-1 fees calculated based on transactions in January 2025, and shall receive an invoice for CAT Fee 2025-1 for each month thereafter until July 2025.

(B) Consolidated Audit Trail, LLC shall provide each CAT Executing Broker with an invoice for CAT Fee 2025-1 on a monthly basis. Each month, such invoices shall set forth a fee for each transaction in Eligible Securities executed by the CAT Executing Broker in its capacity as a CAT Executing Broker for the Buyer (“CEBB”) and/or the CAT Executing Broker for the Seller (“CEBS”) (as applicable) from the prior month as set forth in CAT Data. The fee for each such transaction will be calculated by multiplying the number of executed equivalent shares in the transaction by the fee rate of \$0.000022 per executed equivalent share.

(C) Notwithstanding the last invoice date of July 2025 for CAT Fee 2025-1 in paragraph (iv)(A), CAT Fee 2025-1 shall continue in effect after July 2025, with each CAT Executing Broker receiving an invoice for CAT Fee 2025-1 each month, until a new subsequent CAT Fee is in effect with regard to Industry Members in accordance with Section 19(b) of the Exchange Act. Consolidated Audit Trail, LLC will provide notice when CAT Fee 2025-1 will no longer be in effect.

(D) Each CAT Executing Broker shall be required to pay each invoice for CAT Fee 2025-1 in accordance with paragraph (b).

(b) Timing and Manner of Payments.

(i) Each CAT Executing Broker shall pay its CAT fees as required pursuant to paragraph (a) each month to the Consolidated Audit Trail, LLC in the manner prescribed by the Consolidated Audit Trail, LLC.

(ii) Each CAT Executing Broker shall pay the CAT fees required pursuant to paragraph (a) within thirty days after receipt of an invoice or other notice indicating payment is due (unless a longer payment period is otherwise indicated). If a CAT Executing Broker fails to pay any such CAT fee when due, such CAT Executing Broker 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 (1) the Prime Rate plus 300 basis points, or (2) the maximum rate permitted by applicable law.

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