

Cboe Exchange, Inc.
Fees Schedule - [March 27] April 1, 2020

Market-Maker EAP Appointments Sliding Scale [(12)]			
	Quantity	Monthly Fee (per permit)	Notes
Appointment Units	1	\$0	Appointment Units are set forth in Exchange Rule 5.50(g). Appointment Units for each assigned class will be aggregated for each Market-Maker and Market-Maker affiliate. If the sum of appointments is a fractional amount, the total will be rounded up to the next highest whole Appointment Unit. Total quantity is determined by the highest quantity used at any point during the month.
	2	\$6,000	
	3 to 5	\$4,000	
	> 5	\$3,100	

Facility Fees (per month)(28)					
A copy of the Cboe Options Trading Floor Booth Policy is located at www.Cboe.org.					
Booths		Fee Per Month			
Standard Booth Rental Fee (12)	Perimeter	\$195			
	OEX	\$550			
	Dow Jones/MNX/VIX	\$550			
Non-Standard Booth Rental Fee (12)	Base Booth Rental Fee	\$1,250	Square Footage Fee (up to 1,000 sq. ft.)	\$1.70 (per sq. ft.)	Notes
					A Trading Permit Holder ("TPH") organization will pay non-standard booth rental fees on a monthly basis for use of a non-standard booth. The fee a TPH organization will pay is the base booth rental fee plus the square footage fee, determined based on the size of the booth. Non-standard booths must be leased for a term of one year. A TPH organization that terminates its lease prior to its expiration date will, on the effective date of such termination, pay to the Exchange an amount equal to twenty five percent (25%) of the balance of the monthly charges remaining in the lease term. Early termination penalties will not be assessed for early termination of leases entered into prior to August 1, 2016 that are terminated by mutual agreement of the TPH organization and the Exchange.
Booth Pass-Through Fee	A TPH Organization shall be responsible for all costs associated with any modifications and alterations to any trading floor booths leased by the TPH Organization and shall reimburse Cboe Options for all costs incurred by Cboe Options in connection therewith.				
Arbitrage Phone Positions (12)		\$550			
Forms and Forms Storage (50)	HP Laser Printer Paper	\$5.00 per packet of 500 sheets			
	Zebra Printer Paper	\$19.50 per roll			
	Zebra Printer Ink	\$19.50 per roll			
	Forms Storage	\$11			
Access Badges		Fee			
Badge Type	Floor Manager (12)	\$130			
	Clerks (12)	\$70			
Communications		Monthly Fee	Installation	Relocation	Removal
Exchangefone	Exchangefone		\$935	\$129	\$100
	Maintenance (12)	\$57			
	With Recorded Coupler Between Booths			\$126	
Single Line	Within Booth			\$25	
	Maintenance (12)	\$11.50			
Wireless Phone Rentals (plus usage fee)	Monthly Fee (12)	\$110			
	Replacement/Repairs	cost			
Lines		Monthly Fee	Installation	Relocation	Removal
Intra-Floor (12)		\$57.75			
Voice Circuits (12)		\$16	\$52.50		\$36.75
Appearances	New Circuits - First		\$120		\$50
	New Circuits - @ Additional		\$18		\$18
	Existing Line Appearance - First		\$50	\$50	\$25
	Existing Line Appearance - @ Additional		\$18	\$18	\$18
Data Circuits at Local Carrier (entrance) (12)		\$16	\$52.50		\$36.75
Data Circuits at In-House Frame (12)	Lines Between Local Carrier and Communications Center (CC)	\$12.75	\$550		
	Lines Direct From Local Carrier to Trading Floor	\$12.75	\$725	\$625	
	Lines Between CC and Trading Floor	\$12.75	\$725	\$625	
Vendor Services		Monthly Fee	Installation	Relocation	Removal
Shelf for Equipment		\$100			
Data Circuits from Local Carrier to Equipment Shelf		\$50			
Lines from Equipment to Floor		\$50			
Technical Support Outside Normal Hours (\$100/hour, 4 hr. min.)					

Facility Fees (per month)(28) (continued)				
Miscellaneous	Monthly Fee	Installation	Relocation	Removal
Handsets		\$79		
Headset Jack		\$131	\$58	\$28
Recorder Coupler		\$150 new/\$50 existing	\$25	\$25
IPC (vendor) Time & Material (per hour)		cost		
IPC (vendor) Time & Material Overtime (per hour)		cost		
After Hours Technician Service (per hour, 4 hr. min.)		\$100		
Market-Maker Handheld Terminal Tethering Services		\$450	\$200	
Market-Maker Handheld Terminal Tethering Services For Indexes		\$900	\$200	
Trading Floor Terminal Rentals	Monthly Fee	Notes		
Thomson/Other (Basic Service) (12)	\$425			
PULSe On-Floor Workstation		See PULSe Workstation fees below.		
Satellite TV (12)	\$50			
PAR Workstation (12)	\$125			
Cboe Options Trading Floor Terminal (12)	\$250	Installation \$175, Relocation \$225, Removal \$125		
PAR Workstation Replacement Fees	Fee	Notes		
Replacement Tablet	\$1,300 each	Fees are assessed only on items that are (1) lost or (2) damaged from non-normal wear and tear.		
Replacement Stylus Pens	\$100 each			
Replacement Chargers	\$75 each			
Replacement Ethernet Adapters and Protective Cases	\$50 each			
Co-Location	Monthly Fee	Notes		
Co-Location of Equipment Fee (per "U" - 1.75 inches)	\$50	Fees are charged in increments of 4 "U" (7 inches)		
Co-Location of Equipment Fee (per "U" - 1.75 inches)/Sponsored User	\$100			

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Routing Fees (12)			
Capacity	Transaction Fee Per	Description	Notes
Customer	{RD} \$0.33	Routed to AMEX, BOX, BX, EDGX, MERC, MIA, PHLX, ≥ 100 contracts, ETF	Multiple orders from the same executing firm for itself or for a CMTA or correspondent firm in the same series on the same side of the market that are received within 500 milliseconds will be aggregated for purposes of determining the order quantity. Cboe Options will not pass through or otherwise charge customer orders (of any size) routed to other exchanges that were originally transmitted to the Exchange from the trading floor through an Exchange-sponsored terminal (e.g. a PULSe Workstation).
	{RE} \$0.15	Routed to AMEX, BOX, BX, EDGX, MERC, MIA, PHLX, < 100 contracts ETF, Equity	
	{RF} \$0.83	Routed to ARCA, BZX, C2, ISE, GMNI, EMLD, PERL, NOMX, ≥ 100 contracts ETF, Penny	
	{RG} \$1.18	Routed to ARCA, BZX, C2, ISE, GMNI, EMLD, PERL, NOMX, ≥ 100 contracts ETF, Non-Penny	
	{RH} \$0.65	Routed to ARCA, BZX, C2, ISE, GMNI, EMLD, PERL, NOMX, <100 contracts ETF, Equity, Penny	
	{RI} \$1.00	Routed to ARCA, BZX, C2, ISE, GMNI, EMLD, PERL, NOMX, <100 contracts ETF, Equity, Non-Penny	
	{RS} \$0.48	Routed, Index	
	{TD} \$0.18	Routed to AMEX, BOX, BX, EDGX, MERC, MIA, PHLX, ≥ 100 contracts, ETF, originating on Exchange-sponsored terminal	
	{TE} \$0.00	Routed to AMEX, BOX, BX, EDGX, MERC, MIA, PHLX, < 100 contracts ETF, Equity, originating on Exchange-sponsored terminal	
	{TF} \$0.18	Routed to ARCA, BZX, C2, ISE, GMNI, EMLD, PERL, NOMX, ≥ 100 contracts ETF, Penny, originating on Exchange-sponsored terminal	
	{TG} \$0.18	Routed to ARCA, BZX, C2, ISE, GMNI, EMLD, PERL, NOMX, ≥ 100 contracts ETF, Non-Penny, originating on Exchange-sponsored terminal	
	{TH} \$0.00	Routed to ARCA, BZX, C2, ISE, GMNI, EMLD, PERL, NOMX, <100 contracts ETF, Equity, Penny, originating on Exchange-sponsored terminal	
	{TI} \$0.00	Routed to ARCA, BZX, C2, ISE, GMNI, EMLD, PERL, NOMX, <100 contracts ETF, Equity, Non-Penny, originating on Exchange-sponsored terminal	
	{TS} \$0.18	Routed, Index, originating on Exchange-sponsored terminal	
	{TX} \$0.04	Routed, XSP, originating on Exchange-sponsored terminal	
Non-Customer	{RX} \$0.19	Routed, XSP	
	{RJ} \$1.17	Routed, Penny	
	{RK} \$1.45	Routed, Non-Penny	

Miscellaneous			
Description	Fee	Frequency	Notes
Trading Floor Printer Maintenance (12)	\$75	Monthly	
Late Payment Penalty	prime rate	Monthly	Assessed to balances over 30 days old, per month, compounded
Market Maker Failure to Change Appointment or Failure to Meet In-Person Trading Requirements	\$250	Quarterly	Allowed 1 warning letter before fee
DPM requests for post modifications/equipment	Cboe Options costs passed-through		
Crowd Space Dispute Resolution Hearing Fee	\$1,000	per hearing, per Trading Permit Holder	Fee is \$1,000 per hearing for each party to the dispute and will escalate under certain circumstances pursuant to Cboe Options Rule 5.93(e). After the hearing is held and all rights of appeal are exhausted, the prevailing party in dispute shall obtain a refund of the Hearing Fee from the Exchange.
Catastrophic Error Review Fee	\$5,000		Assessed only if, after a request for review with the Exchange of a potential Catastrophic Error, an Official determines that a Catastrophic Error has not occurred.

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Logical Connectivity Fees			
Service	Quantity	Monthly Fees (per port)	Notes
BOE/FIX Logical Ports	1 to 5	\$750	Each BOE or FIX Logical Port will incur the logical port fee indicated when used to enter up to 70,000 orders per trading day per logical port as measured on average in a single month. Each incremental usage of up to 70,000 per day per logical port will incur an additional logical port fee of \$800 per month. Incremental usage will be determined on a monthly basis based on the average orders per day entered in a single month across all subscribed BOE and FIX Logical Ports. Fees for one FIX Logical Port used to access PULSe and one FIX Logical Port connection used to access Cboe Silexx [(for FLEX trading purposes)] will be waived per TPH.
	> 5	\$800	
BOE Bulk Logical Ports	1 to 5	\$1,500	Each BOE Bulk Logical Port will incur the logical port fee indicated when used to enter up to 30,000,000 orders per trading day per logical port as measured on average in a single month. Each incremental usage of up to 30,000,000 orders per day per BOE Bulk Logical Port will incur an additional logical port fee of \$3,000 per month. Incremental usage will be determined on a monthly basis based on the average orders per day entered in a single month across all subscribed BOE Bulk Logical Ports.
	6 to 30	\$2,500	
	> 30	\$3,000	
Drop Logical Ports		\$750	
Purge Ports		\$850	
GRP Ports		\$750/primary (A or C Feed)	
Multicast PITCH/Top Spin Server Ports		\$750/set of primary (A or C Feed)	

New requests will be prorated for the first month of service. Cancellation requests are billed in full month increments as firms are required to pay for the service for the remainder of the month, unless the session is terminated within the first month of service.

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Footnotes (Continued):	
Footnote Number	Description
12	<p style="text-align: center;">* * * * *</p> <p>In the event the Cboe Options trading floor becomes inoperable and the Exchange operates in a screen-based only environment, the Exchange will apply the following pricing changes for the duration of time the Exchange operates in a screen-based only environment: (1) holders of a Market-Maker Floor Permit will be entitled to act as an electronic Market-Maker and holders of a Floor Broker Permit will be entitled to access the Exchange electronically to submit orders to the Exchange, [at no additional cost] provided that any Floor Broker TPH that did not have an Electronic Access Permit ("EAP") prior to the closure of the trading floor will be charged for one EAP per TPH organization and any floor Market-Maker that did not have a Market Maker EAP will be charged for one Market Maker EAP per TPH organization; (2) if the trading floor reopens mid-month, floor Trading Permit fees for that month will be prorated based on the remaining trading days in the calendar month; ((2)3) the SPX and SPXW Execution Surcharges will be waived for SPX and SPXW orders executed via AIM and for Related Future Cross ("RFC") orders; ((3)4) the AIM and RFC Execution Surcharges for SPX/SPXW and VIX will apply to all SPX/SPXW and VIX AIM Agency/Primary orders and RFC initiating orders when the Exchange operates in a screen-based only environment and such fee will be invoiced to the executing Trading Permit Holder; ((4)5) SPX/SPXW, RUT, and VIX contracts executed via AIM, and contracts executed as a RFC order, during a time when the Exchange operates in a screen-based only environment will not count towards the 1,000 contract thresholds for the SPX/SPXW, VIX and RUT Tier Appointment Fees; [and] ((5)6) for purposes of [the Market-Maker EAP Appointments Sliding Scale, the total quantity will be determined by the highest quantity used at any point during the month, excluding the quantity added during the time the Exchange operates in a screen-based only environment] Routing Fees, Cboe Options will not pass through or otherwise charge customer orders (of any size) routed to other exchanges that were originally transmitted to the Exchange from a registered Floor Broker through an Exchange-sponsored terminal; and (7) all designated facility fees, including the Trading Floor Printer Maintenance Fee, will not be charged when the Exchange operates in a screen-based only environment, however such fees will be pro-rated based on the remaining trading days in the calendar month if the trading floor reopens mid-month. Additionally, in the event the Exchange operates in a screen-based only environment, AIM may be available for SPX and SPXW during Regular Trading Hours.</p> <p style="text-align: center;">* * * * *</p>