

## Chicago Board Options Exchange, Incorporated

Fees Schedule - February [1] 10, 2017

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SPX Liquidity Provider Sliding Scale (41)					
Origin	Tier	Volume Thresholds	Origin Code	Transaction Fee Per Contract	Notes
CBOE Market-Maker/LMM	1	0.00% - 1.50%	M	\$0.25	Volume thresholds are based on total Market-Maker volume in SPX, SPXW and SPXPM.
	2	Above 1.50% - 10.00%		\$0.23	
	3	Above 10.00%		\$0.21	

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Facility Fees (per month)(28) (continued)		
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	
PULSe Workstation	Monthly Fee	Notes
Workstation (Also applies to ETH)(37)	\$400/month (per TPH login ID for the first 15 login IDs)	The fee is waived for the first month for the first new user of a TPH.
	\$100/month (per each additional TPH login ID)	
	\$400/month (per non-TPH login ID)	The fee is waived for the first month for the first new user of a non-TPH. If two or more TPHs make a PULSe login ID available to the same non-broker-dealer customer or to the same non-TPH broker dealer, the non-TPH login ID fee payable by each TPH will be reduced to \$250 per month per login ID.
[OATS Reports]Equity Order Reports	\$250/month	
PULSe-to-PULSe Routing	\$50/month (per receiving TPH)	
Away-Market Routing	\$0.02 (per executed contract or share equivalent)	
Away-Market Routing Intermediary	\$0.02/\$0.03 (per executed contract or share equivalent)	This fee is payable by a Routing Intermediary and only applicable for away-market routing from any PULSe workstation for which it serves as the Routing Intermediary. The fee is \$0.02 per contract or share equivalent for the first million contracts or share equivalent executed in a month for executions on all away markets aggregated across all such PULSe workstations, and \$0.03 per contract or share equivalent for each additional contract or share equivalent executed in the same month on all away markets.
CBOE Routing	\$0.02/\$0.03 (per executed contract or share equivalent)	This fee is payable by a TPH and only applicable for routing to CBOE from non-TPH PULSe workstations made available by the TPH. The fee is \$0.02 per contract or share equivalent for the first 1 million contracts or share equivalent executed in a month on CBOE that originate from non-TPH PULSe workstations made available by the TPH, and \$0.03 per contract or share equivalent for each additional contract or share equivalent executed on CBOE in the same month from the non-TPH PULSe workstations made available by the TPH.
Drop Copy (received by TPH customer)	[\$1,000] <del>\$425</del> /month (per sending TPH)	This fee is payable by a TPH customer receiving drop copies and is [\$1000/month] <del>\$425/month</del> for each TPH broker that sends the TPH customer drop copies via a PULSe workstation.
Drop Copy (received by non-TPH customer)	[\$500] <del>\$400</del> /month (per receiving non-TPH)	This fee is payable by a TPH broker sending drop copies and is [\$1000/month] <del>\$400/month</del> for each non-TPH customer to which the TPH broker sends drop copies via a PULSe workstation.
Non-PULSe-to-PULSe Routing (sent by TPH customers)	\$500/month (per receiving TPH)	This fee is payable by a TPH customer using a non-PULSe order management system to send orders electronically to a TPH broker's PULSe workstation and is \$500/month for each TPH broker with a PULSe workstation to which the TPH customer sends orders. TPH customers who request non-PULSe-to-PULSe order routing will also receive drop copies from its TPH brokers and must pay the monthly drop copy fee in addition to the in-bound addition fee.
FIX Integration Drop Copy Start-Up	\$500 (per sending TPH or receiving non-TPH, as applicable)	This fee is payable by the TPH responsible for the drop copy fee. If payable by a TPH customer, the fee is \$500 for each TPH broker to which the TPH customer requests to connect for receipt of drop copies. If payable by a TPH broker, the fee is \$500 for each TPH customer that requesting to connect to the TPH broker for receipt of drop copies.
FIX Integration Drop Copy Cancel	\$500 (per sending TPH or receiving non-TPH, as applicable)	This fee is payable by the TPH responsible for the drop copy fee. If payable by a TPH customer, the fee is \$500 for each TPH broker for which the TPH customer requests to cancel the drop copy functionality. If payable by a TPH broker, the fee is \$500 for each TPH customer of the TPH broker that requests to cancel the drop copy functionality.
Routing Intermediary Certification	\$5,000	
Routing Intermediary Inactivity	\$5,000/year less aggregate amount of Away-Market Routing Intermediary and CBOE Routing fees charged to a Routing Intermediary during that calendar year (if Routing Intermediary was charged less than an aggregate of \$5,000 in Away-Market Routing Intermediary and CBOE Routing fees that year)	This fee may first be charged to a Routing Intermediary in the calendar year after the year in which the Routing Intermediary was charged the Routing Intermediary Certification Fee.