

Changes are indicated by underlining additions and [bracketing] deletions.

**Cboe Exchange, Inc.**  
**Fees Schedule - [September 30] October 1, 2019**  
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Specified Proprietary Index Options Rate Table - Underlying Symbol List A (34) and Sector Indexes (47)(41) (Also applies to GTH)(37)		Options Transaction Fees (1)(3)(4)(7)(15)(32)(39)				
Origin	Products	Origin Code	Transaction Fee Per Contract by Premium Price			VIX Only SPX (incl SPXw) in GTH Only
			\$0.00 - \$0.10	\$0.11 - \$0.99	\$1.00+	AIM Agency/Primary (19)
Customer (2)	OEX and XEO	C	\$0.40			
	OEX Weeklys, XEO Weeklys and Sector Indexes (47)		\$0.30			
	RUT, RLG, RLV, RUI and UKXM (40)		\$0.18			
	SPX (incl SPXW)		\$0.35	\$0.44	See Rates to Left	
	VIX		\$0.10	\$0.25	\$0.45	See Rates to Left
Clearing Trading Permit Holder Proprietary (11)(12)(16)(40)	Underlying Symbol List A (34)	F L	\$0.25 - See Cboe Options Clearing Trading Permit Holder Proprietary Product Sliding Scale and VIX Sliding Scale			
	Sector Indexes (47)		\$0.25 - Fees for Facilitations will be waived through December 31, 2019		See Rates to Left	
Cboe Options Market-Maker/ DPM/LMM (10)((38))(42)(43)	SPX (incl SPXW)(41)	M	See SPX Liquidity Provider Sliding Scale			
	RUT		\$0.30			
	RLG, RLV, RUI, UKXM, OEX and XEO (40)		\$0.20			
	VIX (43)(45)		\$0.05	\$0.23	See Rates to Left	
	Sector Indexes (47)		See Liquidity Provider Sliding Scale and Liquidity Provider Sliding Scale Adjustment Table			
Joint Back-Office (45)	OEX, XEO, SPX (incl SPXW), VIX and Sector Indexes (47)	B N W J	\$0.40			
Broker-Dealer (16) (45)						
<del>Non-Trading Permit Holder Market Maker (16) (45)</del>						
Professional/Voluntary Professional (45)						
Broker-Dealer (16)						
Non-Trading Permit Holder Market Maker (16)						
Professional/Voluntary Professional/Joint Back-Office	RUT, RLG, RLV, RUI and UKXM (40)		\$0.25 Manual and AIM/ \$0.65 non-AIM Electronic			
Surcharge Fee (14) (Also applies to GTH)(37)	Index License (41)	RUT	\$0.45			
		SPX (incl SPXW) (41)	\$0.16			
	OEX, RLG, RLV, RUI, UKXM, XEO, VIX and Sector Indexes (47)(40)	F J L M B N W	\$0.10			
			(This surcharge is waived, through December 31, 2019, for Sector Indexes (47) and for origin codes F and L for VIX transactions where the VIX Premium is ≤ \$0.10 and the related series has an expiration of seven (7) calendar days or less.)			
CFLEX Surcharge Fee (17)(40)		C F J L M B N W	\$0.10 (capped at \$250 per trade)			
Exotic Surcharge		C	\$0.25			
Execution Surcharge (21)	SPX Only (15)	C F J L B N W	\$0.21			
	SPXW (electronic only) (Also applies to GTH)(37)		\$0.10			
Customer Priority Surcharge (31) (Also applies to GTH)(37)	VIX (Maker non-turner)	C	\$0.00	\$0.20		

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<b>GTH VIX LMM Incentive Program</b>										
<u>Origin</u>	<u>Origin Code</u>	<u>Premium Level</u>	<u>Expiring</u>		<u>Near Term</u>		<u>Mid Term</u>		<u>Long Term</u>	
			<u>7 days or less</u>		<u>8 days to 60 days</u>		<u>61 days to 270 days</u>		<u>271 days or Greater</u>	
			<u>Width</u>	<u>Size</u>	<u>Width</u>	<u>Size</u>	<u>Width</u>	<u>Size</u>	<u>Width</u>	<u>Size</u>
LMM	M	\$0.00 - \$3.00	\$0.50	25	\$0.40	50	\$0.50	25	\$1.00	10
		\$3.01 - \$5.00	\$0.75	15	\$0.60	30	\$0.75	15	\$1.50	7
		\$5.01 - \$10.00	\$1.00	10	\$0.80	20	\$1.00	10	\$2.00	5
		\$10.01 - \$30.00	\$3.00	5	\$1.00	10	\$3.00	5	\$5.00	3
		\$30.01 - \$100.00	\$5.00	3	\$3.00	5	\$5.00	3	\$7.00	2
		Greater than \$100.00	\$10.00	1	\$5.00	1	\$10.00	1	\$12.00	1

For VIX if the appointed LMM provides continuous electronic quotes during Global Trading Hours that meet or exceed the above heightened quoting standards in at least 99% of the VIX series 90% of the time in a given month, the LMM will receive a rebate for that month in the amount of a pro-rata share of a compensation pool for VIX equal to \$20,000 times the number of LMMs in that class (or pro-rated amount if an appointment begins after the first trading day of the month or ends prior to the last trading day of the month) for that month. For example, if two LMMs are appointed in VIX, a compensation pool will be established each month for VIX totaling \$40,000. If for example, each LMM meets the heightened continuous quoting standard in VIX during a month, each will receive \$20,000. If only one LMM meets the heightened continuous quoting standard in VIX during a month, that LMM would receive \$40,000 and the other one would receive nothing. The Exchange may consider other exceptions to this quoting standard based on demonstrated legal or regulatory requirements or other mitigating circumstances. For October 2019, the heightened quoting standard will only apply for the period of October 7 - October 31.

<b>GTH SPX/SPXW LMM Incentive Program</b>										
<u>Origin</u>	<u>Origin Code</u>	<u>Premium Level</u>	<u>Expiring</u>		<u>Near Term</u>		<u>Mid Term</u>		<u>Long Term</u>	
			<u>7 days or less</u>		<u>8 days to 60 days</u>		<u>61 days to 270 days</u>		<u>271 days or Greater</u>	
			<u>Width</u>	<u>Size</u>	<u>Width</u>	<u>Size</u>	<u>Width</u>	<u>Size</u>	<u>Width</u>	<u>Size</u>
LMM	M	\$0.00 - \$5.00	\$0.50	10	\$0.40	25	\$0.60	15	\$1.00	10
		\$5.01 - \$15.00	\$2.00	7	\$1.60	18	\$2.40	11	\$4.00	7
		\$15.01 - \$50.00	\$5.00	5	\$4.00	13	\$6.00	8	\$10.00	5
		\$50.01 - \$100.00	\$10.00	3	\$8.00	8	\$12.00	5	\$20.00	3
		\$100.01 - \$200.00	\$20.00	2	\$16.00	5	\$24.00	3	\$40.00	2
		Greater than \$200.00	\$30.00	1	\$24.00	3	\$36.00	1	\$60.00	1

For SPX and SPXW if the appointed LMM provides continuous electronic quotes during Global Trading Hours that meet or exceed the above heightened quoting standards in at least 99% of each of the SPX and SPXW series 90% of the time in a given month, the LMM will receive a rebate for that month in the amount of a pro-rata share of a compensation pool for SPX and a compensation pool for SPXW equal to \$15,000 times the number of LMMs in that class (or pro-rated amount if an appointment begins after the first trading day of the month or ends prior to the last trading day of the month) for that month. For example, if two LMMs are appointed in SPX a compensation pool will be established each month for (i) SPX totaling \$30,000 and (ii) SPXW totaling \$30,000. If for example, each LMM meets the heightened continuous quoting standard in SPX and SPXW during a month, each will receive \$30,000. If only one LMM meets the heightened continuous quoting standard in SPX and SPXW during a month, that LMM would receive \$60,000 and the other one would receive nothing. The Exchange may consider other exceptions to this quoting standard based on demonstrated legal or regulatory requirements or other mitigating circumstances. For October 2019, the heightened quoting standard will only apply for the period of October 7 - October 31.

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Footnotes (Continued):	
Footnote Number	Description
[38]RESERVED	* * * * *
	<p>[For VIX, if an LMM (1) provides continuous electronic quotes in at least the lesser of 99% of the non-adjusted series or 100% of the non-adjusted series minus one call-put pair in an GTH allocated class (excluding intra-day add-on series on the day during which such series are added for trading) during GTH in a given month and (2) enters opening quotes within five minutes of the initiation of an opening rotation in any series that is not open due to the lack of a quote, provided that the LMM will not be required to enter opening quotes in more than the same percentage of series set forth in clause (1) for at least 90% of the trading days during GTH in a given month, the LMM will receive a rebate for that month in the amount of a pro-rata share of a compensation pool equal to \$20,000 times the number of LMMs in that class (or pro-rated amount if an appointment begins after the first trading day of the month or ends prior to the last trading day of the month). For example, if three LMMs are appointed in VIX, a compensation pool will be established each month (assume appointment began at the beginning of the month for purposes of this example) totaling \$60,000. If each LMM meets the heightened continuous quoting standard in VIX during a month, each will receive \$20,000. If two LMMs meet the heightened continuous quoting standard in VIX during a month, those two LMMs would each receive \$30,000 and the third LMM would receive nothing. If only one LMM meets the heightened continuous quoting standard in VIX during a month, that LMM would receive \$60,000 and the other two would receive nothing. For SPX, an LMM will receive a rebate for that month in the amount of a pro-rata share of a compensation pool equal to \$30,000 times the number of LMMs in that class (or pro-rated amount if an appointment begins after the first trading day of the month or ends prior to the last trading day of the month) if the LMM: (1) provides continuous electronic quotes in at least the lesser of 99% of the non-adjusted series or 100% of the non-adjusted series minus one call-put pair in an GTH allocated class (excluding intraday add-on series on the day during which such series are added for trading) during GTH in a given month; (2) enters opening quotes within five minutes of the initiation of an opening rotation in any series that is not open due to the lack of a quote, provided that the LMM will not be required to enter opening quotes in more than the same percentage of series set forth in clause (1) for at least 90% of the trading days during GTH in a given month; and (3) satisfies the following timeweighted average quote widths and bid/ask sizes for each moneyness category: (A) out of the money options ("OTM"), average quote width of \$0.90 or less and average bid/ask size of 15 contracts or greater; (B) at the money options ("ATM"), average quote width of \$3.00 or less and bid/ask size of 10 contracts or greater; and C) in the money options ("ITM"), average quote width of \$10.00 or less and bid/ask size of 5 contracts or greater. In order to determine the timeweighted average quote widths and bid/ask sizes the Exchange will exclude 5% of the total quote time for all SPX series during the month in which the LMM was disseminating its widest quotes and smallest bid/ask sizes. Notwithstanding Rule 1.1(ccc), for purposes of Footnote 38, an LMM is deemed to have provided "continuous electronic quotes" if the LMM provides electronic two-sided quotes for 90% of the time during GTH in a given month. If a technical failure or limitation of a system of the Exchange prevents the LMM from maintaining, or prevents the LMM from communicating to the Exchange, timely and accurate electronic quotes in a class, the duration of such failure shall not be considered in determining whether the LMM has satisfied the 90% quoting standard with respect to that option class. The Exchange may consider other exceptions to this quoting standard based on demonstrated legal or regulatory requirements or other mitigating circumstances.]</p>