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

Cboe Exchange, Inc.

Fees Schedule - [April 25] July 1 , 2019

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Index Options Rate Table - All Index Products Excluding Underlying Symbol List A (34) and Sector Indexes (47)

Origin		Origin Code	Transaction Fee Per Contract: Manual – Penny Classes	Manual – Non-Penny Classes	Electronic – Penny Classes	Electronic – Non-Penny Classes	AIM Agency/Primary (19)	AIM Contra (18)	CFLEX AIM Response (20)
Customer (2)	XSP	C	$0.0[0]4					$0.07	$0.0[0]4
	MXEA and MXEF		$0.25						$0.00
	All Index Products Excluding Underlying Symbol List A (34) and Sector Indexes (47)		$0.18						$0.18
Clearing Trading Permit Holder Proprietary (11)(12)(16)		F L	$0.20 - See Clearing Trading Permit Holder Fee Cap		$0.43	$0.70	$0.20 - See Clearing Trading Permit Holder Fee Cap		$0.25
	Facilitation (11)	F L	$0.00						$0.00
Cboe Options Market-Maker/DPM/LMM (10)	All Index Products Excluding Underlying Symbol List A (34) and Sector Indexes (47)	M	See Liquidity Provider Sliding Scale and Liquidity Provider Sliding Scale Adjustment Table						
	XSP		$0.23						
Broker-Dealer (16)		B	$0.25		$0.47	$0.75	$0.20	$0.07	$0.25
Non-Trading Permit Holder Market Maker (16)		N							
Professional /Voluntary Professional /Joint Back-Office		W J	$0.12 W Origin Code Only						$0.30
Surcharge Fee (14) Index License	DJX, MXEA and MXEF	F J L M B N W	$0.10						
	MNX and NDX		$0.25						
CFLEX Surcharge Fee (17) - DJX, MXEA, MXEF and XSP Only		C F J L M B N W	$0.10 (capped at $250 per trade)						
Exotic Surcharge		C	$0.25						
Exotic Surcharge - XSP Only			$0.03						
Complex Surcharge (35)		F J L M B N W			$0.12				

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Liquidity Provider Sliding Scale (10)(32)

Origin	Tier	Volume Thresholds	Origin Code	Transaction Fee Per Contract	Notes
Cboe Options Market-Maker/DPM/LMM	1	0.00% - 0.05%	M	$0.23	Volume thresholds are based on total national Market-Maker volume in all underlying symbols excluding Underlying Symbol List A (34) and XSP during the calendar month. Applies in all underlying symbols excluding Underlying Symbol List A (34) and XSP.
	2	Above 0.05% - 0.80%		$0.17	
	3	Above 0.80% - 1.50%		$0.10	
	4	Above 1.50% - 2.25%		$0.05	
	5	Above 2.25%		$0.03	

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Customer Large Trade Discount (27)(32)(Also applies to GTH)(37)

Regular customer transaction fees will only be charged up to the listed quantity of contracts per order.

Origin	Products	Origin Code	Transaction Fees	Notes
Customer	VIX	C	Charge only first 15,000	For an order to be eligible to qualify for the discount, the order in its entirety must be executed in either GTH or RTH, but not both.
	SPX (includes SPXW) and XSP		Charge only first 20,000	
	Other Index Options		Charge only first 5,000	
	ETF and ETN Options		Charge only first 3,000	

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[PAR Official Fees (1)(15)(33)]

	[Tier Level]	[% Monthly Volume Executed Through PAR Official in VIX and Volatility Index Options Classes]	[Standard Orders]	[Crossed Orders (Per Side)]
[VIX and Volatility Index Options PAR Official Fees]	[1]	[0 - 24.99%]	[0.03]	[$0.015]
	[2]	[25 - 49.99%]	[0.06]	[$0.03]
	[3]	[50 - 74.99%]	[0.09]	[$0.045]
	[4]	[75 - 100%]	[0.12]	[$0.06]
	[Tier Level]	**[% Monthly Volume Executed Through PAR Official in all Options Classes other than VIX and Volatility Index Options Classes]**	**[Standard Orders]**	**[Crossed Orders (Per Side)]**
[PAR Official Fees in All Other Classes]	[1]	[0 - 24.99%]	[N/A]	[N/A]
	[2]	[25 - 49.99%]	[0.02]	[$0.01]
	[3]	[50 - 74.99%]	[0.03]	[$0.015]
	[4]	[75 - 100%]	[0.04]	[$0.02]

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Footnotes (Continued):	
Footnote Number	Description

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10	The Liquidity Provider Sliding Scale applies to Liquidity Provider (Cboe Options Market-Maker, DPM and LMM) transaction fees in all products except Underlying Symbol List A (34) excluding XSP and binary options. A Liquidity Provider's standard per contract transaction fee shall be reduced to the fees shown on the sliding scale as the Liquidity Provider reaches the volume thresholds shown on the sliding scale in a month. The Exchange will aggregate the trading activity of separate Liquidity Provider firms for purposes of the sliding scale if there is at least 75% common ownership between the firms as reflected on each firm's Form BD, Schedule A. A Liquidity Provider shall be required to prepay, by January 10th, $2,400,000 in order to be eligible for the fees applicable to tiers 3 - 5 of the sliding scale for the entire year. A Liquidity Provider can elect to prepay $200,000 per month to be eligible for the fees applicable to tiers 3 - 5 of the sliding scale for the remainder of the year at any time during the year, but such prepayment (and eligibility) will only be applied prospectively for the remainder of the year. A TPH that chooses, for example, in June 2014 to prepay for the remainder of the year would pay $1,200,000 for the months of July-December. All prepay arrangements must be paid before the first calendar month in which they are to begin. Contract volume resulting from any of the strategies defined in Footnote 13 will apply towards reaching the sliding scale volume thresholds.

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[33]RESERVED	[PAR Official Fees apply to all orders executed by a PAR Official except for customer orders (“C” origin) that are not directly routed to the trading floor. PAR Official Fees are charged to the order originating firm unless the originating firm cannot be identified, in which case the fees are charged to the executing firm on the trade record. PAR Official Fees will be assessed based on the percentage of the order originating firm’s, or as applicable, the executing firm’s total monthly volume that is effected by a PAR Official during a calendar month in accordance with the tier schedules set forth above. The first tier schedule applies to activity in VIX and Volatility Index Options classes. The second tier schedule applies in all classes other than VIX and Volatility Index Options classes. The percentage will be calculated on a monthly basis by dividing the number of contracts executed by PAR Officials on behalf of the order originating firm or, as applicable, the executing firm, by the total number of contracts executed in open outcry (by or on behalf of the order originating firm or, as applicable, the executing firm) in classes where a PAR Official is available to execute orders (“PAR Official Classes”). Contracts in VIX and Volatility Index Options shall be calculated separately for purposes of determining the PAR Official Fees in VIX and Volatility Index Options in accordance with the tier schedule for PAR Official Fees in VIX and Volatility Index Options. For example, a Floor Broker Trading Permit Holder that does not conduct business in VIX and Volatility Index Options will be assessed $.02 for all standard (non-cross) orders and $.01 for all crossed orders (per side) executed by a PAR Official on behalf of the Floor Broker during a calendar month if 25.5% of the Floor Broker’s total monthly (open outcry) volume in PAR Official Classes (excluding VIX and Volatility Index Options) is executed by a PAR Official (Tier 2). A Floor Broker Trading Permit Holder that only conducts business in VIX and Volatility Index Options classes will be assessed $.06 for all standard (non-cross) orders and $.03 for all crossed orders (per side) executed by a PAR Official on behalf of the Floor Broker during a calendar month if 25.5% of the Floor Broker’s total monthly (open outcry) volume in VIX and Volatility Index Options classes is executed by a PAR Official (Tier 2).]

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44	The Make Rate is derived from a Liquidity Provider's ("LP") electronic volume the previous month in all symbols excluding Underlying Symbol List A and XSP using the following formula: (i) the LP’s total electronic automatic execution (“auto-ex”) Maker volume (i.e., volume resulting from that LP’s resting quotes or single sided quotes/orders that were executed by an incoming order or quote) divided by (ii) the LP’s total auto-ex volume (i.e., volume that resulted from the LP’s resting quotes/orders and volume that resulted from that LP’s quotes/orders that removed liquidity). Trades on the open and complex orders will be excluded from the Make Rate calculation. The Exchange will aggregate the trading activity of separate Liquidity Provider firms for purposes of the adjustment table if there is at least 75% common ownership between the firms as reflected on each firm's Form BD, Schedule A. The Taker fees and Maker rebate apply to a LP’s electronic volume only, but are not applied to the following: (i) trades on the open, (ii) QCC orders, (iii) complex orders , and (iv) original paired orders executed via an auction mechanism. The Taker fees would apply to the following volume: (i) volume resulting from a LP’s orders and/or quotes removing other market participants’ resting orders and/or quotes and (ii) volume resulting from a LP’s primary orders in unpaired auctions (i.e., Hybrid Agency Liaison (“HAL”) and HAL on the Open (“HALO”)). Transactions in Penny classes would be subject to a cap of $0.50 per contract, which includes the LP Sliding Scale transaction fee, Adjustment Table fee and Marketing Fee. The Maker rebate would apply to the following volume: (i) volume resulting from executions against a LP’s resting orders and/or quotes and (ii) volume resulting from a LP’s responses to auctions (i.e., Automated Improvement Mechanism (“AIM”), HAL, and/or HALO responses).

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