Cboe Exchange, Inc. Fees Schedule - May [1]<u>3</u>, 2018

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Specified Proprietary Index Options Rate Table - Underlying Symbol List A (34) and Sector Indexes (47)(41) (Also applies to ETH)(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 ETH Only	
				\$0.00 - \$0.10	\$0.11 - \$0.99	\$1.00+	AIM Agency/Primary (19)	AIM Contra (18)
		OEX and XEO		\$0.40				
Customer (2)		OEX Weeklys, XEO Weeklys and Sector Indexes (47)	c	\$0.30				
		RUT, RLG, RLV, RUI, AWDE, FTEM, FXTM and UKXM (40)		\$0.18				
		SPX (incl SPXW)		\$0.35		\$0.44		tes to Left
		VIX and VOLATILITY INDEXES		\$0.10	\$0.25	\$0.45		tes to Left
Clearing Trading Pe	rmit Holder Proprietary	Underlying Symbol List A (34)	FL	\$0.25 - See Cboe Options Clearing Trading Permit Holder Proprietary Products Sliding Scales				
(11)(12)(16)(40)		Sector Indexes (47)		\$0.25 See Rates to Left				
		SPX (incl SPXW)(41)		See SPX Liquidity Provider Sliding Scale				
Choe Ontions Mar	ket-Maker/ DPM/LMM	RUT, RLG, RLV, RUI, AWDE, FTEM, FXTM, UKXM,	м	\$0.20				
•	8)(42)(43)	OEX and XEO (40)		1				
(10)(0		VIX and VOLATILITY INDEXES (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) Broker-Dealer (16) (45) Non-Trading Permit Holder Market Maker (16) Professional/Voluntary Professional (45)		OEX, XEO, SPX (incl SPXW), VIX, Volatility Indexes and Sector Indexes (47)		\$0.40				
Broker-Dealer (16) Non-Trading Permit Holder Market Maker (16) Professional/Voluntary Professional/Joint Back Office		RUT, RLG, RLV, RUI, AWDE, FTEM, FXTM and UKXM (40)	B N W J	\$0.25 Manual and AIM/ \$0.65 non-AIM Electronic				
	Index License (41)	RUT	FJLMBNW	\$0.45				
Surcharge Fee (14) (Also applies to ETH)(37)		SPX (incl SPXW) (41) OEX, RLG, RLV, RUI, AWDE, FTEM, FXTM, UKXM, XEO, VIX, VOLATILITY INDEXES (excluding GVZ, VXEEM, VXEWZ and OVX) and Sector Indexes (47)(40)		\$0.16 \$0.10 (This surcharge is waived, through June 30, 2018, for Sector Indexes (47) and for origin codes F and L for VIX transactions where the VIX Premium is s				
	Product Research & Development - GVZ, VXEEM, VXEWZ and OVX			\$0.10 and the related series has an expiration of seven (7) calendar days or less.)				
CFLEX Surcharge Fee (17)(40)			CFJLMBNW	\$0.10 (capped at \$250 per trade)				
Exotic Surcharge (42)			С	\$0.25				
SPX Hybrid [3.0] Execution Surcharge (SPX only) (15)(21)			CFJLBNW	\$0.21				
Customer Priority Surcharge (31) (Also applies SPXW (electronic only)			с	\$0.10				
to ETH)(37) VIX (Maker non-turner)		Ľ	\$0.00 \$0.20					

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Trading Pe	ermit and Tier Appointment Fees (24)(25)(26)(37)(49)			
Origin	Type of Trading Permit or Tier Appointment	Origin Code	Access Fee	Notes
	Market-Maker Trading Permit		\$5,000 per month	See Market-Maker Trading Permit Sliding Scale
	Market-Maker Trading Permit - ETH	м	\$1,000 per month	The fee is waived for the first Market-Maker Trading Permit through June 30, 2018.
	RUT Tier Appointment	M	\$1,000 per month	
Cboe Options	SPX Tier Appointment		\$3,000 per month	
Market-	Floor Broker SPX Surcharge		\$3,000 per month	
Maker/DPM/LMM/	VIX Tier Appointment	м	\$2,000 per month	
Floor Broker	Floor Broker VIX Surcharge		\$2,000 per month	
	Floor Broker Trading Permit		\$9,000 per month	See Floor Broker Trading Permit Sliding Scale
	Electronic Access Permit		\$1,600 per month	
	Electronic Access Permit - ETH		\$500 per month	The fee is waived for the first Electronic Access Permit through June 30, 2018.
			* * * * *	
			Trading Permit Descriptio	uns
			* * * * *	

The allowance for a Market-Maker Trading Permit used for an appointment in any options classes other than SPX (including SPXW) is equivalent to a maximum of 40,500,000 quotes over the course of a trading session and the allowance for a Market-Maker Trading Permit used for an appointment in SPX (including SPXW) is equivalent to a maximum of 81,000,000 quotes over the course of a trading session. The allowance for an ETH Market-Maker Trading Permit that is not used for an appointment in SPX (including SPXW) is equivalent to a maximum of 75,000,000 quotes over the course of a trading session. To the allowance for a Market-Maker Trading Permit that is not used for an appointment in SPX (including SPXW) is equivalent to a maximum of 75,000,000 quotes over the course of a trading session. To the extent a Market-Maker Trading Permit used for an appointment in SPX (including SPXW) is equivalent to a maximum of 75,000,000 quotes over the course of a trading session. To the extent a Market-Maker is able to submit electronic quotes in [a Hybrid 3.0 class]<u>SPX and/or SPXW</u> [(such as an LMM that streams quotes in the class or a Market-Maker or LMM that streams quotes in a series of a Hybrid 3.0 class that trades on the Hybrid Trading System)], the Market-Maker shall receive the quoting bandwidth allowance to quote in, and only in, [that class]<u>SPX and/or SPXW</u>.

Footnotes (Continued):							
Footnote Number		Description					

21	All electronic executions in [Hybrid 3.0 classes] <u>SPX</u> shall be assessed the [Hybrid 3.0] <u>SPX</u> Execution Surcharge, except that this fee shall not apply to: (i) orders in SPX options in the SPX electronic book for those SPX options that are executed during opening rotation on the final settlement date of VIX options and futures which have the expiration that contribute to the VIX settlement calculation, (ii) executions by market-makers against orders in the complex order auction (COA) and Simple Auction Liaison (SAL) systems in their appointed classes, (iii) executions by market-makers against orders and (iv) orders executed by a floor broker using a PAR terminal. See also footnote 15.						

<u>49</u>	90% of the time in a given month, (2) submits opening quotes that are no wide trading days ensure electronic quotes on the open that allow the series to oper rotating basis, the SPX SMM will receive one Market-Maker Trading Permit and mitigating circumstances. Various factors will be considered by the Exchange in obligations, described above. The Exchange may remove an SPX SMM on the ba	SPX Select Market-Maker ("SMM") in SPX for terms of at least one year in the Regular Trading Hours session. If an SPX SMM (1) provides continuous electronic quotes in 95% of all SPX series that the Opening Exchange Prescribed Width ("OEPW") within one minute of the initiation of an opening rotation in any series that is not open due to the lack of a qualifying quote, on all (1) (3) submit opening quotes that are no wider than the OEPW quote by 8:00 am (CT) on volatility settlement days and (4) provide quotes for the end-of-month fair value closing rotation on a one SPX Tier Appointment free of charge for that month. The Exchange may consider other exceptions to this quoting standard based on demonstrated legal or regulatory requirements or other selecting SPX SMMs, which include: adequacy of capital, experience in trading options, presence in the trading crowd, adherence to Exchange rules and ability to meet the heightened quoting sais of the failure of the SPX SMM is removed or if for any reason an SPX SMM is no longer networks of the remainder of the term or shorter time period designated by the Exchange.					

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