

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

**Cboe Exchange, Inc.**  
**Fees Schedule - November 1, 2019**

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**Options Transaction Fees (1)(3)(4)(7)(15)(32)(33)(39)**

[Equity Options Rate Table (13)]		[Transaction Fee Per Contract]						
[Origin]	[Origin Code]	[Manual]		[Electronic]		[AIM Agency/Primary (19)]	[AIM Contra (18)]	[CFLEX AIM Response (20)]
		[Penny Classes]	[Non-Penny Classes]	[Penny Classes]	[Non-Penny Classes]			
[Customer]	[C]	[\$0.00]						
[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]	[\$0.07]	[\$0.25]
[Facilitation (11)]	[F L]	[\$0.00]						
[Cboe Options Market-Maker/DPM/LMM (10)]	[M]	[See Liquidity Provider Sliding Scale and Liquidity Provider Sliding Scale Adjustment Table]						
[Broker-Dealer (16)]	[B]							
[Non-Trading Permit Holder Market Maker (16)]	[N]	[\$0.25]		[\$0.47]	[\$0.75]	[\$0.20]	[\$0.07]	[\$0.25]
[Professional /Voluntary Professional /Joint Back-Office]	[W J]	[\$0.12 W Origin Code Only]						[\$0.30]
[Complex Surcharge (35)]	[F J L M B N W]	[\$0.12]						

[ETF and ETN Options Rate Table (13)]		[Transaction Fee Per Contract]						
[Origin]	[Origin Code]	[Manual]		[Electronic]		[AIM Agency/Primary (19)]	[AIM Contra (18)]	[CFLEX AIM Response (20)]
		[Penny Classes]	[Non-Penny Classes]	[Penny Classes]	[Non-Penny Classes]			
[Customer (2)(8)(9)]	[C]	[\$0.00]		[\$0.00 if adding liquidity (Maker)/ \$0.18 if original order size is 100 contracts or greater and removing liquidity (Taker)]			[\$0.00]	
[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]	[\$0.07]	[\$0.25]
[Facilitation (11)]	[F L]	[\$0.00]						
[Cboe Options Market-Maker/DPM/LMM (10)]	[M]	[See Liquidity Provider Sliding Scale and Liquidity Provider Sliding Scale Adjustment Table]						
[Broker-Dealer (16)]	[B]							
[Non-Trading Permit Holder Market Maker (16)]	[N]	[\$0.25]		[\$0.47]	[\$0.75]	[\$0.20]	[\$0.07]	[\$0.25]
[Professional /Voluntary Professional /Joint Back-Office]	[W J]	[\$0.12 W Origin Code Only]						[\$0.30]
[Complex Surcharge (35)]	[F J L M B N W]	[\$0.12]						

[Index Options Rate Table - All Index Products Excluding Underlying Symbol List A (34) and Sector Indexes (47)]		[Transaction Fee Per Contract]							
[Origin]	[Origin Code]	[Manual]		[Electronic]		[AIM Agency/Primary (19)]	[AIM Contra (18)]	[CFLEX AIM Response (20)]	
		[Penny Classes]	[Non-Penny Classes]	[Penny Classes]	[Non-Penny Classes]				
[Customer (2)]	[XSP]			[\$0.04]			[\$0.07]	[\$0.00]	
	[MXEA]			[\$0.25]				[\$0.00]	
	[MXEF]			[\$0.25 (This fee is waived through December 31, 2019)]				[\$0.18]	
	[All Index Products Excluding Underlying Symbol List A (34) and Sector Indexes (47)]			[\$0.18]				[\$0.25]	
[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]	[\$0.07]	[\$0.25]	
[Facilitation (11)]	[F L]	[\$0.00]							
[Cboe Options Market-Maker/DPM/LMM (10)]	[M]	[See Liquidity Provider Sliding Scale and Liquidity Provider Sliding Scale Adjustment Table]							
[Broker-Dealer (16)]	[B]								
[Non-Trading Permit Holder Market Maker (16)]	[N]	[\$0.25]		[\$0.47]	[\$0.75]	[\$0.20]	[\$0.07]	[\$0.25]	
[Professional /Voluntary Professional /Joint Back-Office]	[W J]	[\$0.12 W Origin Code Only]						[\$0.30]	
[Surcharge Fee (14) Index License]	[D J X, M X E A and M X E F]	[F J L M B N W]	[\$0.10]						
	[M N X and N D X]	[F J L M B N W]	[\$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]	[C]	[\$0.03]							
[Complex Surcharge (35)]	[F J L M B N W]	[\$0.12]							

Rate Table - All Products Excluding Underlying Symbol List A (34)(13)			Transaction Fee Per Contract						
Capacity	Products	Capacity Code	Manual		Electronic		AIM Agency/Primary (19)	AIM Contra (18)	
			Penny Classes	Non-Penny Classes	Penny Classes	Non-Penny Classes			
Customer (2)(8)(9)	Equity Options	C			{CK} \$0.00		{CK} \$0.00		
	ETF and ETN Options		{CK} \$0.00		{CE} \$0.00 if adding liquidity {CA} \$0.18 if original order size is ≥100 contracts and removing liquidity {CD} \$0.00 if original order size is <100 contracts and removing liquidity				
	XSP				{CC} \$0.04				
	MXEA				{CM} \$0.25				
	MXEF				{CN} \$0.25 (This fee is waived through December 31, 2019)				
	All Other Index Products Sector Indexes (47)					{CB} \$0.18			{YB} \$0.07
Clearing Trading Permit Holder Proprietary (11)(16)	Equity, ETF, and ETN Options and All Other	F L	{FA} \$0.20 - See Clearing Trading Permit Holder Fee Cap		{FB} \$0.43		{FC} \$0.70	{FD} \$0.20 - See Clearing Trading Permit Holder Fee Cap	
	Index Products								
	Sector Indexes (47)						{FI} \$0.25	{YB} \$0.07	
	Facilitation (11)			{FE} \$0.00			{FI} \$0.25		
Cboe Options Market-Maker/DPM/LMM (10)	XSP	M					{MX} \$0.23	{YB} \$0.07	
	Equity, ETF, and ETN Options, Sector Indexes (47) and All Other Index Products						{MA} \$0.23 - See Liquidity Provider Sliding Scale and Liquidity Provider Sliding Scale Adjustment Table		
Broker-Dealer (16) Non-Trading Permit Holder Market Maker (16) Professional /Joint Back-Office	Equity, ETF, and ETN Options and All Other	B N U J			{BA} \$0.25				
	Index Products				{WA} \$0.12 "U" Capacity Code Only	{BB} \$0.47	{BC} \$0.75		{BD} \$0.20
	Sector Indexes (47)						{BE} \$0.40		
Complex Surcharge (35)	Equity, ETF, and ETN Options and All Other Index Products	F J L M B N U			\$0.12				
Surcharge Fee (14) Index License - DJX, MXEA and MXEF and Sector Indexes			\$0.10 (This surcharge is waived, through December 31, 2019, for Sector Indexes (47))						
FLEX Surcharge Fee (17) - DJX, MXEA, MXEF and XSP Only		C F J L M B N U	\$0.10 (capped at \$250 per trade)						
Exotic Surcharge (42)		C	\$0.25 (\$0.03 for XSP Only)						

[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)(33)(39)				
[Origin]Capacity	Products	[Origin] Capacity 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	{CO} \$0.40			
	OEX Weeklys, XEO Weeklys [ and Sector Indexes] (47)		{CP} \$0.30			
	RUT, RLG, RLV, RUI and UKXM (40)		{CR} \$0.18 / {WR} \$0.00 RLG, RLV, RUI, UKXM only			
	SPX (incl SPXW)		{CS} \$0.35	{CT} \$0.44	See Rates to Left	
VIX		{CV} \$0.10	{CW} \$0.25	{CX} \$0.45	See Rates to Left	
Clearing Trading Permit Holder Proprietary (11)(12)(16)(40)	Underlying Symbol List A (excluding VIX)(34)	F L	{FH} \$0.25 - See Cboe Options Clearing Trading Permit Holder Proprietary Product Sliding Scale [ and VIX Sliding Scale] / {WR} \$0.00 RLG, RLV, RUI, UKXM only			
	VIX		{FK} \$0.25 - See Cboe Options Clearing Trading Permit Holder 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)(42)(43)	SPX (incl SPXW)(41)	M	{MS} See SPX Liquidity Provider Sliding Scale / {SC} \$0.00			
	RUT		{MT} \$0.30			
	RLG, RLV, RUI, UKXM, OEX and XEO (40)		{MR} \$0.20 / {WR} \$0.00 RLG, RLV, RUI, UKXM only			
	VIX (43)(45)		{MV} \$0.05	{MW} \$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)[,] and VIX [ and Sector Indexes (47)]	B N [W]U J	{BR} \$0.40			
Broker-Dealer (16) (45)						
Non-Trading Permit Holder Market Maker (16) (45)	RUT, RLG, RLV, RUI and UKXM (40)		{BS} \$0.25 Manual and AIM / {BK} \$0.65 non-AIM Electronic / {WR} \$0.00 RLG, RLV, RUI, UKXM only			
Professional [ / Voluntary Professional] (45) [Broker-Dealer (16)]						
[Non-Trading Permit Holder Market Maker (16)]	[RUT, RLG, RLV, RUI and UKXM (40)]		[\$0.25 Manual and AIM / \$0.65 non-AIM Electronic]			
[Professional / Voluntary Professional / Joint Back-Office]						
Surcharge Fee (14) (Also applies to GTH)(37)	Index License (41)	RUT	\$0.45			
		SPX (incl SPXW) (41)	\$0.16 / {SC} \$0.00			
		OEX, RLG, RLV, RUI, UKXM, XEO, VIX and Sector Indexes (47)(40)	F J L M B N [W]U			
		[C]FLEX Surcharge Fee (17)(40)	C F J L M B N [W]U			
		Exotic Surcharge	C			
Execution Surcharge (21) (Also applies to GTH)(37)		SPX Only (15)	C F J L M B N [W]U			
		SPXW (electronic only) [ (Also applies to GTH)(37)]				
Customer Priority Surcharge (31) (Also applies to GTH)(37)	VIX (Maker non-turner)	C	\$0.00		\$0.20	

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SPX Liquidity Provider Sliding Scale (41)(33)					
[Origin]Capacity	Tier	Volume Thresholds	[Origin]Capacity Code	Transaction Fee Per Contract	Notes
Cboe Options Market-Maker/LMM	1	0.00% - 1.00%	M	\$0.28	Volume thresholds are based on total Market-Maker volume in SPX and SPXW.
	2	Above 1.00% - 4.00%		\$0.26	
	3	Above 4.00% - 9.00%		\$0.24	
	4	Above 9.00% - 15.00%		\$0.22	
	5	Above 15.00%		\$0.20	

Liquidity Provider Sliding Scale (6)(10)((32))(33)					
[Origin]Capacity	Tier	Volume Thresholds	[Origin]Capacity 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	

Liquidity Provider Sliding Scale Adjustment Table (6)(44)(33)							
[Origin]Capacity	Performance Tier	Make Rate (% Based on Prior Month)	[Origin]Capacity Code	Maker Rebate		Taker Fee	
				Penny Classes	Non-Penny Classes	Penny Classes	Non-Penny Classes
Cboe Options Market-Maker/DPM/LMM	1	0% - 50%	M	\$0.00	\$0.00	\$0.05	\$0.10
	2	Above 50% - 60%		\$0.00	\$0.00	\$0.04	\$0.07
	3	Above 60% - 75%		(\$0.01)	\$0.00	\$0.03	\$0.05
	4	Above 75% - 90%		(\$0.02)	\$0.00	\$0.00	\$0.04
	5	Above 90%		(\$0.03)	\$0.00	\$0.00	\$0.00

Volume Incentive Program (VIP)(6)(23)(36)(33)							
[Origin]Capacity	Tier	Percentage Thresholds of National Customer Volume in All Underlying Symbols Excluding Underlying Symbol List A (34), Sector Indexes (47), DJX, MXEA, MXEF, MNX, NDX) and XSP (Monthly)	[Origin]Capacity Code	Per Contract Credit			
				Simple		Complex	
				Non-AIM	AIM	Non-AIM	AIM
Customer/Broker-Dealer/Professional/Voluntary Professional/Joint Back Office	1	0% - 0.75%	C B J [W]U	\$0.00	\$0.00	\$0.00	\$0.00
	2	Above 0.75% - 2.00%		\$0.10	\$0.09	\$0.21	\$0.19
	3	Above 2.00% - 3.00%		\$0.12	\$0.10	\$0.24	\$0.22
	4	Above 3.00% - 4.00%		\$0.15	\$0.13	\$0.25	\$0.23
	5	Above 4.00%		\$0.15	\$0.14	\$0.25	\$0.24
<b>Notes</b>							
Volume for [origins]capacity B, J and [W]U will count towards tier qualification only. Credits on orders executed electronically in AIM will be capped at 1,000 contracts per order for simple executions and 1,000 contracts per leg for complex executions. Credits on orders executed electronically in [HAL]SUM will be capped at 1,000 contracts per auction quantity. All contracts executed in AIM and all contracts executed in [HAL]SUM will continue to be counted towards the percentage thresholds even if they exceed the 1,000 contract cap for VIP credits. Additionally, multiple simple orders from the same affiliated TPH(s) in the same series on the same side of the market that are executed in AIM or [HAL]SUM within a 3 second period will be aggregated for purposes of determining the order quantity subject to the cap. For this aggregation, activity in AIM and [HAL]SUM will be aggregated separately. The AIM aggregation timer will begin with an order entered into AIM and continue for 3 seconds, aggregating any other orders entered into AIM in the same series on the same side of the market by the same affiliated TPH. The [HAL]SUM aggregation timer will begin at the start of a [HAL]SUM auction and continue for 3 seconds, aggregating any other orders executed in [HAL]SUM in the same series on the same side of the market for the same affiliated TPH. Any portion of the original order quantity that is executed outside of [HAL]SUM will not be part of the aggregation or counted towards the 1,000 contract threshold. A TPH will only receive the Complex credit rates for Complex volume if at least 38% of that TPH's qualifying VIP volume in the previous month was comprised of Simple volume. If not, then the TPH's Customer (C) Complex volume will receive credits at the applicable Simple credit rate only.							

Affiliate Volume Plan (AVP)(6)(23)(24)(33)					
[Origin]Capacity	[Origin]Capacity Code	VIP Tier Reached	MM Affiliate Access Credit	Liquidity Provider Sliding Scale Credit	Notes
Cboe Options Market-Maker/DPM/LMM (10)	M	1	0%	0%	If a Market-Maker affiliate ("affiliate" defined as having at least 75% common ownership between the two entities as reflected on each entity's Form BD, Schedule A)(("Affiliate OFP") or Appointed OFP receives a credit under the Exchange's Volume Incentive Program ("VIP"), the Market-Maker will receive an access credit on their BOE Bulk Ports corresponding to the VIP tier reached. The Market-Maker will also receive a transaction fee credit on their sliding scale Market-Maker transaction fees, not including any additional surcharges or fees assessed as part of the Liquidity Provider Sliding Scale Adjustment Table.
		2	0%	10%	
		3	0%	15%	
		4	15%	30%	
		5	25%	35%	

Marketing Fee [(6)]			
[Origin]Capacity	Product Line	[Origin]Capacity Code	Collection Per Contract
Cboe Options Market-Maker/DPM/LMM	Penny Pilot Classes	M	\$0.25
	All Other Classes		\$0.70
<b>Notes</b>			
The marketing fee will be assessed on transactions of Market-Makers (including DPMs and LMMs), resulting from customer orders at the per contract rate provided above on all classes of equity options, options on ETFs, options on ETNs and index options; except that the marketing fee shall not apply to Sector Indexes (47), DJX, MXEA, MXEF, XSP or Underlying Symbol List A (34). The fee will not apply to: Market-Maker-to-Market-Maker transactions including transactions resulting from orders from non-Trading Permit Holder market-makers; transactions resulting from penny cabinet trades and sub-penny cabinet trades; transactions in Flexible Exchange Options; transactions executed as a qualified contingent cross ("QCC") under Rule 6.53(u); and transactions in the Penny Pilot classes resulting from orders executed through the Step Up Mechanism under Rule 5.35. A DPM under Cboe Options Rule 8.80, a "Preferred Market-Maker" under Cboe Options Rule 8.13 or a "Lead Market-Maker" under Cboe Options Rule 8.15 (collectively "Preferred Market-Maker") will be given access to the marketing fee funds generated from a Preferred order. The total balance of the undispersed marketing fees for the Preferred Market-Maker/DPM pool cannot exceed \$250,000. Each month, undisbursed marketing fees in excess of \$250,000 will be reimbursed to the Market-Makers that contributed to the pool based upon a one month look back and their pro-rata portion of the entire amount of marketing fee collected during that month.			

Cboe Options Clearing Trading Permit Holder Proprietary Products Sliding Scale (11)(32)(33)(Also applies to GTH)(37)							
[Origin]Capacity	Tier	Proprietary Product Volume Thresholds	[Origin]Capacity Code	Transaction Fee Per Contract	Notes		
Clearing Trading Permit Holder Proprietary	≥ 25,000 ADV ≤ 69,999 ADV in all underlying symbols excluding Underlying Symbol List A (34)		F L		Clearing Trading Permit Holder Proprietary transaction fees and transaction fees for Non-Trading Permit Holder Affiliates (as defined in footnote 11) in Underlying Symbol List A (34) excluding VIX will be eligible for reduced rates using the Proprietary Products Sliding Scale. For each Clearing Trading Permit Holder, Cboe Options will assess the transaction fees calculated for all activity in Underlying Symbol List A (34) excluding VIX during a calendar month, provided a Clearing Trading Permit Holder reaches certain ADV thresholds in all underlying symbols, excluding 1) Underlying Symbol List A (34) or 2) any contracts for which a strategy cap has been applied (as defined in Footnote 13). Percentages are calculated by accounting for all volume in the respective products executed with an "F" or "L" [Origin]Capacity Code, with volume in GTH aggregated with RTH volume for the same calendar month included for purposes of calculating the proprietary product volume thresholds and the reduced transaction fees per contract.		
	B3	0.00% - 6.50%		\$0.22			
	B2	6.51% - 8.50%		\$0.18			
	B1	Above 8.50%		\$0.05			
	≥ 70,000 ADV in all underlying symbols excluding Underlying Symbol List A (34)						
	A2	0.00% - 6.50%		\$0.18			
A1	Above 6.50%	\$0.04					

Cboe Options Clearing Trading Permit Holder VIX Sliding Scale (11)(32)(33)(Also applies to GTH)(37)						
[Origin]Capacity	Tier	VIX Volume Thresholds	[Origin]Capacity Code	Transaction Fee Per Contract	Notes	
Clearing Trading Permit Holder Proprietary	1	0.00% - 1.00%	F L	\$0.25	Clearing Trading Permit Holder Proprietary transaction fees and transaction fees for Non-Trading Permit Holder Affiliates (as defined in footnote 11) in VIX will be eligible for reduced rates using the VIX Sliding Scale. Percentages are calculated by accounting for all volume in VIX executed with an "F" or "L" [Origin]Capacity Code, with volume in GTH aggregated with RTH volume for the same calendar month included for purposes of calculating the VIX volume thresholds and the reduced transaction fees per contract.	
	2	1.01% - 5.50%		\$0.15		
	3	5.51% - 8.00%		\$0.05		
	4	Above 8.00%		\$0.01		

Clearing Trading Permit Holder Fee Cap (11)(22)							
[Origin]Capacity	Execution Type	[Origin]Capacity Code	(F) Fee Per Contract	Does Volume Count Toward \$75,000 Fee Cap?	Count Toward Proprietary Product Sliding Scale?	(C) Volume of Paired Order Count for VIP?	Notes
Clearing Trading Permit Holder Proprietary	Electronic Penny (non-AIM)	F L	\$0.43	No	Yes	N/A	Clearing Trading Permit Holder Fee Cap Includes transaction fees assessed as part of a strategy cap (see Footnote 13). However, a Clearing Trading Permit Holder that has reached the Clearing Trading Permit Holder Fee Cap in a given month would no longer be eligible for Strategy Rebates as defined in Footnote 13.
	Electronic Non-Penny (non-AIM)		\$0.70	No	Yes	N/A	
	Open Outcry		\$0.20	Yes	Yes	No	
	QCC		\$0.17	Yes	Yes	No	
	FLEX		\$0.25	Yes	Yes	Yes	
	AIM Primary Order		\$0.20	Yes	Yes	Yes	
	AIM Facilitation Contra Order		\$0.07	Yes	Yes	Yes	
	AIM Solicitation Contra Order		\$0.07	Yes	Yes	Yes	
	Open Outcry Facilitation		\$0.00	No	Yes	No	
	Open Outcry Solicitation		\$0.20	Yes	Yes	No	

Select Customer Options Reduction ("SCORE") Program (6)(48)(33)							
[Origin]Capacity	Tier	Percentage of All Customer Retail Volume in Qualifying Classes	[Origin]Capacity Code	Discount Per Retail Contract	Notes		
Customer	Retail Volume Percentage in Qualifying Classes between 20.00% and 69.99%		C		The SCORE Program is for Retail, Non-FLEX Customer ("C" [origin]capacity code) volume in the following options classes: SPX (including SPXW), VIX, RUT, MXEA, MXEF & XSP ("Qualifying Classes"). The SCORE program is available to any Trading Permit Holder ("TPH") Originating Clearing Firm or non-TPH Originating Clearing Firm. For this program, an "Originating Clearing Firm", will be defined as either (a) the executing clearing OCC number on any transaction which does not also include a Clearing Member Trading Agreement ("CMTA") OCC clearing number or (b) the CMTA in the case of any transaction which does include a CMTA OCC clearing number. In order to participate, an Originating Firm must complete the SCORE Registration Form by the second to last business day of the month preceding the month in which their participation in the SCORE program will commence. The Exchange will aggregate an Originating Firm's volume with volume of their OCC clearing affiliates if such affiliates are reported to the Exchange via the SCORE Registration Form and there is at least 75% common ownership between the firms as reflected on each firm's Form BD, Schedule A. "Originating Firm" will refer to both an Originating Clearing Firm and any applicable affiliates.		
	Qualifying Tier B						
	B3	0.00% - 5.00%		\$0.00			
	B2	Above 5.00% - 26.00%		\$0.04			
	B1	Above 26.00%		\$0.08			
	Retail Volume Percentage in Qualifying Classes at or above 70.00%						
	Qualifying Tier A						
	A5	0.00% - 5.00%		\$0.00			
	A4	Above 5.00% - 37.00%		\$0.08			
	A3	Above 37.00% - 41.00%		\$0.17			
A2	Above 41.00% - 47.00%	\$0.21					
A1	Above 47.00%	\$0.25					

QCC Rate Table (13)				
[Origin]Capacity	[Origin]Capacity Code	Transaction Fee Per Contract	Per Contract Credit	Notes
Customer	C	{QC} \$0.00	\$0.10	Credits will be delivered to the TPH Firm that enters the order into Cboe Command but will only be paid on the initiating side of the QCC transaction. Credits will be capped at \$350,000 per month, per TPH. Credits of affiliated TPHs (TPHs with at least 75% common ownership between the firms as reflected on each firm's Form BD, Schedule A) will be aggregated for purposes of determining whether a TPH has met the QCC credit cap. Credits will not be paid on Customer (C) to Customer (C) executions.  A QCC transaction is comprised of an 'initiating order' to buy (sell) at least 1,000 contracts, coupled with a contra-side order or orders totaling an equal number of contracts. For complex QCC transactions, the 1,000 contracts minimum is applied per leg.
Clearing Trading Permit Holder Proprietary (11)(12)(16)	F L	{QN} \$0.17		
Cboe Options Market-Maker/DPM/LMM	M			
Broker-Dealer (16)	B			
Non-Trading Permit Holder Market Maker (16)	N			
Professional / [Voluntary Professional] / Joint Back-Office	[W]L J			

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]Capacity	Products	[Origin]Capacity 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	

Large Trade Discount [Also applies to GTH](37)(45)				
Regular transaction fees will only be charged up to the listed quantity of contracts per order.				
[Origin]Capacity	Products	[Origin]Capacity Code	Transaction Fees	Notes
Cboe Options Market-Maker/ DPM/ LMM Broker-Dealer (16) Non-Trading Permit Holder Market Maker Professional/[Voluntary Professional] /Joint Back-Office	VIX	M B N [W]L J	Charge only 175,000	[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.]

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Trading Permit Holder Application Fees		
Description	Fee	Notes
Individual (Trading Permit Holder/Nominee)	\$3,000	Application fees related to a TPH organization's structural change are capped at \$10,000 (e.g. change from a limited partnership to a limited liability corporation). The Trading Permit Transfer Fee is capped at \$2,000 for a Trading Permit transfer request covering multiple Trading Permits. [Inactive Nominee Status Change (Trading Permit Swap) fees are waived from October 1, 2019 - October 4, 2019.]
Non-Trading Permit Holder Customer Business	\$3,000	
Order Service Firm	\$1,650	
Associated Person	\$500	
TPH Organization Application	\$5,000	
Renewal/Change of Status	\$500	
Subject to Statutory Disqualification	\$5,000	
Rule 19h- 1 Change in Status	\$1,650	
Inactive Nominee Status (Parking Space)	\$300	
Inactive Nominee Status [Submission before 4pm on the day prior to effective date]	[\$55]	
Change (Trading Permit [Submission after 4pm on the day prior to the effective date]	[\$1,100]	
Swap) [Submission after 8am on the effective date]	[\$220]	
Fingerprint Processing Fee	\$60	
Trading Permit Transfer Fee	\$500	
TPH Organization Renewal Fee	\$2,500	

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Routing Fees			
Capacity	Transaction Fee Per Contract	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.
	{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	
Non-Customer	{RJ} \$1.17	Routed, Penny	
	{RK} \$1.45	Routed, Non-Penny	

[Linkage Fees]		[Notes]
[Origin]		
[Customer]		[In addition to the customary Cboe Options execution charges, for each customer order that is routed, in whole or in part, to one or more exchanges in connection with the Options Order Protection and Locked/Crossed Market Plan referenced in Rule 6.80, Cboe Options shall pass through the actual transaction fee assessed by the exchange(s) to which the order was routed plus an additional \$0.15 per contract. 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.]
[Non-Customer]		[For each non-customer order, including voluntary professionals and professionals, routed to one or more exchanges in connection with the Options Order Protection and Locked/Crossed Market Plan referenced in Rule 6.80, Cboe Options shall assess a \$0.70 per contract routing fee in addition to the customary Cboe Options execution charges.]
[Exception]		[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 Floor Broker Workstation or PULSe Workstation).]

Stock Portion of Stock-Option Strategy Orders			
Description	Fee	Frequency	Notes
Stock Portion of Stock-Option Strategy Orders	{EQ} \$0.0010	per share	The Exchange shall assess a fee of \$0.0010 per share for the stock portion, which Cboe Options must route to an outside venue, of stock-option orders executed via the Complex Order Auction ("COA"), the Complex Order Book ("COB"), AIM, SAM, and the splitting mechanism which is used for certain market orders pursuant to Interpretation .06(d) of Rule 6.53C. This fee applies in addition to the fees assessed by the outside venue to which the stock portion of the order is routed if an exchange destination is specified on the original order (with such fees to be passed on to the market participant). A maximum of \$50.00 per [order]execution will be assessed under this fee.

Trading Permit Holder Transaction Fee Policies and Rebate Programs (Also applies to GTH){37}		Notes
Description		
Trading Permit Holder Transaction Fees - Equity and Index Options		Transaction fees are charged to the executing firm designated in Cboe Options trade match records. With regard to CMTA firm proprietary activity, the Exchange and the OCC permit the "F" origin code to designate firm proprietary activity. However, index customer transaction fees are assessed for index orders [(excluding MNX)] if the CMTA firm is not an Exchange Trading Permit Holder. In equities, [and QQQ] and MNX] options, the broker-dealer rate will be assessed.

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Order Router Subsidy Program {6}{29}			
Description	[Origin]Capacity Code	Subsidy Per Contract	Notes
ORS Program	C	\$0.00	Cboe Options may enter into subsidy arrangements with Trading Permit Holders ("TPHs") or broker-dealers that are not Cboe Options Trading Permit Holders ("Non-Cboe Options TPHs") that provide certain routing functionalities to other Cboe Options TPHs, Non-Cboe Options TPHs and/or use such functionalities themselves. Participating TPHs or participating Non-Cboe Options TPHs will receive a payment from Cboe Options for every executed contract (excluding those executed in AIM or as a QCC) for orders routed to Cboe Options through that participating Cboe Options TPH or Non-Cboe Options TPH's system to subsidize their costs associated with providing order routing functionalities.
	F J L M B N [W]U	\$0.07	
		\$0.07	
Complex Order Router Subsidy Program {6}{30}			
Description	[Origin]Capacity Code	Subsidy Per Contract	Notes
CORS Program	C	\$0.00	Cboe Options may enter into subsidy arrangements with Trading Permit Holders ("TPHs") or broker-dealers that are not Cboe Options Trading Permit Holders ("Non-Cboe Options TPHs") that provide certain complex order routing functionalities to other Cboe Options TPHs, Non-Cboe Options TPHs and/or use such functionalities themselves. Participating TPHs or participating Non-Cboe Options TPHs will receive a payment from Cboe Options for every executed contract (excluding those executed in AIM or as a QCC) for complex orders routed to Cboe Options through that participating Cboe Options TPH or Non-Cboe Options TPH's system to subsidize their costs associated with providing order routing functionalities.
	F J L M B N [W]U	\$0.07	
		\$0.07	



Frequent Trader Program								
[Origin]Capacity	[Origin]Capacity Code	Tier	VIX		SPX / SPXW		RUT	
			Monthly VIX Contracts Traded	VIX Fee Rebate	Monthly SPX/ SPXW Contracts Traded	SPX/ SPXW Fee Rebate	Monthly RUT Contracts Traded	RUT Fee Rebate
Customer/ Professional Customer/[ Voluntary Professional]	C [W]U	1	10,000 - 99,999	5%	10,000 - 49,999	3%	10,000 - 24,999	10%
		2	100,000 - 299,999	15%	50,000 - 99,999	6%	25,000 - 49,999	15%
		3	300,000 and above	25%	100,000 and above	9%	50,000 and above	25%
<b>Notes</b>								
<p>Customers ("C" [origin]capacity code) and Professional Customers[ and Voluntary Professionals] ("[W]U" [origin]capacity code) (collectively "customers") can obtain a unique identification number ("Frequent Trader ID" or "FTID") which can be appended by executing agents to orders submitted to Cboe Options during both RTH and GTH for both manual and electronic execution. A "customer" for this purpose is a non-Trading Permit Holder, non-broker-dealer. A customer may obtain an FTID by registering for the program at the Frequent Trader Program website. Each customer is responsible for requesting that its executing agent(s) appends the customer's unique FTID to the customer's order(s). Executing agents however, will not be required by the Exchange to append FTIDs to orders, but may choose to do so voluntarily. The volume associated with each FTID will be aggregated to qualify for the tiers and fee rebates of customer transaction fees shown in the table. The highest achieved threshold rebate rate will apply from the first executed contract. The rebates will be based on the actual amount of fees assessed in accordance with the Fees Schedule (e.g., if a customer submits a VIX order for 30,000 contracts, that customer would be assessed fees for only the first 15,000 contracts under the Customer Large Trade Discount Program. Therefore, the customer's rebate would be based on the amount of the fees assessed for 15,000 contracts, not on the value of the total 30,000 contracts executed). The Exchange will disperse a customer's rebates pursuant to the customer's instructions, which may include receiving the rebates as a direct payment or via a distribution to one or more of its Clearing Trading Permit Holders. For trades for which volume should have been allocated to one or more FTIDs than were entered on the trade at the time of execution, an executing TPH may add or modify FTID information on post-trade records using the Clearing Editor for changes on the trade date or electronically submit such FTID information to the Exchange in a form and manner prescribed by the Exchange no later than 4:29 pm CT, or by such time that the Exchange submits its final trade submission to the Options Clearing Corporation ("OCC") if later than 4:29 pm CT, on the trade date. FTIDs may not be added to orders that were executed prior to the customer registering for the Frequent Trader Program.</p>								

MSCI LMM Incentive Program										
[Origin]Capacity	[Origin]Capacity Code	Premium Level	Expiring 7 days or less		Near Term 8 days to 60 days		Mid Term 61 days to 270 days		Long Term 271 days or Greater	
			Width	Size	Width	Size	Width	Size	Width	Size
			LMM	M	\$0.00 - \$5.00	\$3.00	5	\$1.50	20	\$2.50
\$5.01 - \$15.00	\$6.00	3			\$3.00	15	\$5.00	10	\$10.00	7
\$15.01 - \$50.00	\$15.00	2			\$7.50	10	\$10.00	7	\$20.00	5
\$50.01 - \$100.00	\$25.00	1			\$15.00	7	\$20.00	5	\$30.00	3
\$100.01 - \$200.00	\$40.00	1			\$25.00	3	\$35.00	3	\$48.00	2
Greater than \$200.01	\$60.00	1			\$40.00	1	\$50.00	1	\$72.00	1
<p>For MXEA and MXEF, if the appointed LMM provides continuous electronic quotes during Regular Trading Hours that meet or exceed the above heightened quoting standards in at least 90% of the MXEA and MXEF series 80% of the time in a given month, the LMM will receive a payment for that month in the amount of \$40,000 per class for the month of February 2019, and \$20,000 per class, per month thereafter. The Exchange may consider other exceptions to this quoting standard based on demonstrated legal or regulatory requirements or other mitigating circumstances. This program will be in place through December 31, 2019.</p>										

VIX LMM Incentive Program										
[Origin]Capacity	[Origin]Capacity Code	Premium Level	Expiring 7 days or less		Near Term 8 days to 60 days		Mid Term 61 days to 270 days		Long Term 271 days or Greater	
			Width	Size	Width	Size	Width	Size	Width	Size
			LMM	M	\$0.00 - \$3.00	\$0.50	25	\$0.40	50	\$0.50
		\$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.

SPX/SPXW LMM Incentive Program										
[Origin]Capacity	[Origin]Capacity Code	Premium Level	Expiring 7 days or less		Near Term 8 days to 60 days		Mid Term 61 days to 270 days		Long Term 271 days or Greater	
			Width	Size	Width	Size	Width	Size	Width	Size
			LMM	M	\$0.00 - \$5.00	\$0.50	10	\$0.40	25	\$0.60
		\$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.

Footnotes:	
Footnote Number	Description
6	[The marketing fee will be assessed on transactions of Market-Makers (including DPMs and LMMs), resulting from customer orders at the per contract rate provided above on all classes of equity options, options on ETFs, options on ETNs and index options; except that the marketing fee shall not apply to Sector Indexes (47), DJX, MXEA, MXEF, MNX, NDX, XSP or Underlying Symbol List A (34). The fee will not apply to: Market-Maker-to-Market-Maker transactions including transactions resulting from orders from non-Trading Permit Holder market-makers; transactions resulting from accommodation liquidations (cabinet trades); transactions in Flexible Exchange Options; transactions executed as a qualified contingent cross ("QCC") under Rule 6.53(u); and transactions in the Penny Pilot classes resulting from orders executed through the Hybrid Agency Liaison under Rule 6.14. A DPM under Cboe Options Rule 8.80, a "Preferred Market-Maker" under Cboe Options Rule 8.13 or a "Lead Market-Maker" under Cboe Options Rule 8.15 (collectively "Preferred Market-Maker") will be given access to the marketing fee funds generated from a Preferred order. The total balance of the undispersed marketing fees for the Preferred Market-Maker/DPM pool cannot exceed \$250,000. Each month, undisbursed marketing fees in excess of \$250,000 will be reimbursed to the Market-Makers that contributed to the pool based upon a one month look back and their pro-rata portion of the entire amount of marketing fee collected during that month.]]n the event of a Cboe Options System outage or other interruption of electronic trading on Cboe Options that lasts longer than 60 minutes, the Exchange will adjust the national volume in all underlying symbols excluding Underlying Symbol List A (34), Sector Indexes (47), MXEA, MXEF, DJX and XSP for the entire trading day.
8	The Exchange will waive the transaction fee for public customer ("C" [origin]capacity code) orders in all ETF and ETN options that are executed in open outcry or in the Automated Improvement Mechanism or as a QCC or as a FLEX Options transaction.
9	Notwithstanding Footnote 8 above, transaction fees are waived for customer orders providing liquidity and orders removing liquidity that are of 99 contracts or less in ETF and ETN options. Transaction fees will be assessed on customer orders that remove liquidity and that are of 100 contracts or more. 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 by the Exchange within 500 milliseconds will be aggregated for purposes of determining the order quantity. The Exchange will charge any leg of a complex order in ETF and ETN options that is removing liquidity and equals or exceeds 100 contracts, even if the leg is only partially executed below the 100 contract threshold. The Taker fee applies to electronic volume only, but is not applied to the following: (i) trades on the open and (ii) QCC orders. The Taker fees would apply to the following volume: (i) volume resulting from a customer's orders and/or quotes removing other market participants' resting orders and/or quotes and (ii) volume resulting from a customer's primary orders in (i) unpaired auctions (i.e., <u>Step Up Mechanism</u> ("SUM")) [Hybrid Agency Liaison ("HAL") and HAL on the Open ("HALO")] and (ii) Complex Order Auction (COA)). The Maker fee waiver would apply to the following volume: (i) volume resulting from executions against a customer's resting orders and/or quotes and (ii) volume resulting from a customer's responses to auctions (i.e., [HAL, HALO]SUM and COA responses).

11	<p>The Clearing Trading Permit Holder Fee Cap in all products except Underlying Symbol List A (34) (the "Fee Cap") and Sector Indexes (47), the Cboe Options Proprietary Products Sliding Scale for Clearing Trading Permit Holder Proprietary Orders (the "Proprietary Products Sliding Scale") and the Clearing Trading Permit Holder Proprietary VIX Sliding Scale (the "VIX Sliding Scale") apply to (i) Clearing Trading Permit Holder proprietary orders ("F" [origin]capacity code), and (ii) orders of Non-Trading Permit Holder Affiliates of a Clearing Trading Permit Holder. A "Non-Trading Permit Holder Affiliate" for this purpose is a 100% wholly-owned affiliate or subsidiary of a Clearing Trading Permit Holder that is registered as a United States or foreign broker-dealer and that is not a Cboe Options Trading Permit Holder. Only proprietary orders of the Non-Trading Permit Holder Affiliate that clear through a Cboe Options-registered OCC clearing number(s) will be included in calculating the Fee Cap, Proprietary Products Sliding Scale and VIX Sliding Scale. Such orders must be marked with a code approved by the Exchange identifying the orders as eligible for the Fee Cap, Proprietary Products Sliding Scale and VIX Sliding Scale (i.e., "L" [origin]capacity code). The Exchange will aggregate the fees and trading activity of separate Clearing Trading Permit Holders for the purposes of the Fee Cap, Proprietary Products Sliding Scale and VIX Sliding Scale if there is at least 75% common ownership between the Clearing Trading Permit Holders as reflected on each Clearing Trading Permit Holder's Form BD, Schedule A. A Clearing Trading Permit Holder's fees and contracts executed pursuant to a CMTA agreement (i.e., executed by another clearing firm and then transferred to the Clearing Trading Permit Holder's account at the OCC) are aggregated with the Clearing Trading Permit Holder's non-CMTA fees and contracts for purposes of the Fee Cap, Proprietary Products Sliding Scale and VIX Sliding Scale. The actual transaction fees resulting from any of the strategies defined in Footnote 13, after relevant caps are applied, will apply towards reaching the Fee Cap. However, contract volume from any such strategies for which the strategy cap is applied will not apply towards reaching the multi-list qualifying tiers for the Proprietary Products Sliding Scale. For facilitation orders (other than Sector Indexes (47) and Underlying Symbol List A (34)) executed in open outcry (or as a CFLEX transaction), Cboe Options will assess no Clearing Trading Permit Holder Proprietary transaction fees. For facilitation orders for Sector Indexes (47) executed in open outcry, [or electronically via AIM or as a QCC or CFLEX transaction,] Cboe Options will assess no Clearing Trading Permit Holder Proprietary transaction fees through December 31, 2019. "Facilitation orders" for this purpose to be defined as any order in which a Clearing Trading Permit Holder (F) [origin]capacity code or Non-Trading Permit Holder Affiliate ("L" [origin]capacity code) is contra to any other origin code, provided the same executing broker and clearing firm are on both sides of the transaction ([for open outcry]) or both sides of a paired order (for orders executed electronically).</p>
[12]RESERVED	<p>[The Clearing Trading Permit Holder Proprietary Transaction Fee shall be waived for Clearing Trading Permit Holders executing facilitation orders in FLEX Options in all underlying symbols excluding Underlying Symbol List A (34) and Sector Indexes (47).]</p> <p style="text-align: center;">*****</p>
14	<p>The Surcharge Fees apply to all non-public customer transactions (i.e. Cboe Options and non-Trading Permit Holder market-maker, Clearing Trading Permit Holder, JBO participant, and broker-dealer), including [voluntary professionals, and] professionals.</p> <p style="text-align: center;">*****</p>
16	<p>Broker-Dealer transaction fees apply to broker-dealer orders (orders with "B" [origin]capacity code), non-Trading Permit Holder market-maker orders (orders with "N" [origin]capacity code), orders from specialists in the underlying security (orders with "Y" origin code) and certain orders with "F" or "L" [origin]capacity codes (i.e., orders from OCC numbers that are not from Cboe Options Trading Permit Holders or are not registered with the Exchange).</p>
17	<p>The [C]FLEX Surcharge Fee applies to all orders (all [origin]capacity codes) executed electronically[ on the FLEX Hybrid Trading System (CFLEX)]. The [C]FLEX Surcharge Fee will only be charged up to the first 2,500 contracts per trade.</p>
18	<p>The AIM Contra Execution Fee applies to all orders (excluding facilitation orders, per footnote 11) in all products, except Sector Indexes (47) and Underlying Symbol List A (34), executed in the Automated Improvement Mechanism ("AIM"), Solicitation Auction Mechanism ("SAM"), FLEX AIM and FLEX SAM auctions, that were initially entered as the contra party to an Agency/Primary Order. [This fee will apply to such executions instead of the applicable standard transaction fee except if the applicable standard transaction fee is lower than \$.05 per contract, in which case the applicable standard transaction fee will apply.] Applicable standard transaction fees will apply to AIM, SAM, FLEX AIM and FLEX SAM executions in Sector Indexes (47) and Underlying Symbol List A (34).</p>
19	<p>The AIM Agency/Primary Fee applies to all broker-dealer, non-Trading Permit Holder market-maker, JBO participant[, voluntary professional,] and professional orders in all products, except VIX, executed in AIM, SAM FLEX AIM and FLEX SAM auctions, that were initially entered as an Agency/Primary Order. This fee will apply to such executions instead of the applicable standard transaction fee except in VIX where standard transaction fees will apply.</p>
[20]RESERVED	<p>[The CFLEX AIM Response Fee applies to all broker-dealer and non-Trading Permit Holder market-maker responses in all FLEX products, except Sector Indexes (47) and Underlying Symbol List A (34), executed in the FLEX AIM or FLEX SAM auctions. This fee will apply to such executions instead of the applicable standard transaction fee. Applicable standard transaction fees will apply to FLEX AIM and FLEX SAM response executions in Sector Indexes (47) and Underlying Symbol List A (34).]</p>
21	<p>All electronic executions in SPX and SPXW shall be assessed the SPX and SPXW Execution Surcharge, respectively, except that this fee shall not apply to: (i) orders in SPX or SPXW options in the SPX electronic book for those SPX or SPXW options that are executed during opening rotation on the final settlement date of VIX options and futures which have the expiration that are used in[contribute to] the VIX settlement calculation and (ii) orders executed by a floor broker using a PAR terminal. See also footnote 15.</p> <p style="text-align: center;">*****</p>
27	<p>A customer large trade discount program in the form of a cap on customer ("C" [origin]capacity code) transaction fees is in effect for the options set forth in the Customer Large Trade Discount table. Floor brokerage fees are not subject to the cap on fees. Qualification of an order for the fee cap is based on the trade date and order ID on each order. For complex orders, the total contracts of an order (all legs by underlying symbol) are counted for purposes of calculating the fee cap. To qualify for the discount, the entire order quantity must be tied to a single order ID (unless the order is a complex order with a number of legs that exceeds system limitations) either within the Cboe Command system or PULSE or in the front end system used to enter and/or transmit the order (provided the Exchange is granted access to effectively audit such front end system) (the order must be entered in its entirety on one system so that the Exchange can clearly identify the total size of the order).</p> <p style="text-align: center;">*****</p>
[32]RESERVED	<p>[The Exchange will assess no transaction fees or surcharges for subcabinet trades (limit orders with a price of at least \$0 but less than \$1 per options contract, per Exchange Rule 6.54, Interpretation and Policy .03). Subcabinet trades will also not count towards any volume thresholds or volume threshold calculations.]</p> <p style="text-align: center;">*****</p>
36	<p>The Exchange shall credit each Trading Permit Holder the per contract amount resulting from each public customer ("C" [origin]capacity code) order transmitted by that Trading Permit Holder which is executed electronically on the Exchange in all underlying symbols excluding Underlying Symbol List A (34), Sector Indexes (47), DJX, MXEA, MXEF[, MNX, NDX], XSP, QCC trades, public customer to public customer electronic complex order executions, and executions related to contracts that are routed to one or more exchanges in connection with the Options Order Protection and Locked/Crossed Market Plan referenced in Rule 6.80, provided the Trading Permit Holder meets certain percentage thresholds in a month as described in the Volume Incentive Program (VIP) table. This payment will be calculated from the first executed contract at the applicable threshold per contract credit. The percentage thresholds are calculated based on the percentage of national customer volume in all underlying symbols excluding Underlying Symbol List A (34), Sector Indexes (47), MXEA, MXEF[, MNX, NDX], DJX and XSP entered and executed over the course of the month. Volume will be recorded for all include origins noted below and credits for customer contracts only will be delivered to the TPH Firm that enters the order into Cboe Command. The Exchange will aggregate the contracts resulting from customer, broker-dealer ("B" [origin]capacity code), joint back-office ("J" [origin]capacity code) and professional customer ("W") [origin]capacity code orders transmitted and executed electronically on the Exchange from affiliated Trading Permit Holders for purposes of the thresholds described in the VIP table, provided there is at least 75% common ownership between the firms as reflected on each firm's Form BD, Schedule A. Additionally, the Exchange will aggregate all the contracts contained in any complex order (e.g., a 10 lot butterfly spread will count as 40 contracts). [In the event of a Cboe Options System outage or other interruption of electronic trading on Cboe Options, the Exchange will adjust the national customer volume in all underlying symbols excluding Underlying Symbol List A (34), Sector Indexes (47), MXEA, MXEF, MNX, NDX, DJX and XSP for the duration of the outage.] A Trading Permit Holder may request to receive its credit under the VIP as a separate direct payment.</p> <p style="text-align: center;">*****</p>

41	<p>The Exchange shall rebate transaction fees, including the Index License Surcharge, for SPX and SPXW transactions if the transaction: (i) involves a complex order with at least five (5) different series in S&amp;P 500 Index (SPX) options, SPX Weeklys (SPXW) options, (ii) is a closing-only transaction or, if the transaction involves a Firm order ([origin]capacity code "F"), is an opening transaction executed to facilitate a compression of option positions for a market-maker or joint-back office ("JBO") account executed as a cross pursuant to and in accordance with Cboe Options Rule 6.74(b) or (d); (iii) is a position with a required capital charge equal to the minimum capital charge under Option Clearing Corporation's ("OCC") rules RBH Calculator or is a position comprised of option series with a delta of ten (10) or less and (iv) is entered on any of the final three (3) trading days of any calendar month. The Exchange shall rebate transaction fees, including the Index License Surcharge, for closing transactions involving SPX and SPXW compression-list positions executed in a compression forum (pursuant to Rule 6.56).</p> <p style="text-align: center;">*****</p>
44	<p>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., <u>Step Up Mechanism</u> ("SUM")[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)SUM responses).</p>
45	<p>A large trade discount program in the form of a cap on Market-Maker, Broker-Dealer, Non-Trading Permit Holder Market-Maker, Professional/Voluntary Professional] and Joint Back-Office ("M", "B", "N", "[W]U" and "J" [origin]capacity code) transaction fees is in effect for the options set forth in the Large Trade Discount table. Floor brokerage fees are not subject to the cap on fees. Qualification of an order for the fee cap is based on the trade date and order ID on each order. For complex orders, the total contracts of an order (all legs by underlying symbol) are counted for purposes of calculating the fee cap. To qualify for the discount, the entire order quantity must be tied to a single order ID (unless the order is a complex order with a number of legs that exceeds system limitations) either within the Cboe Command system or PULSe or in the front end system used to enter and/or transmit the order (provided the Exchange is granted access to effectively audit such front end system) (the order must be entered in its entirety on one system so that the Exchange can clearly identify the total size of the order).</p> <p style="text-align: center;">*****</p>
48	<p>For purposes of this Program, "Retail" volume will be defined as Customer orders ("C" [origin]capacity code) for which the original order size (in the case of a simple order) or largest leg size (in the case of a complex order) is 100 contracts or less. Additionally "Qualifying Classes" will be defined as SPX (including SPXW), VIX, RUT, MXEA, MXEF &amp; XSP. To determine an Originating Firm's Qualifying Tier, the Originating Firm's total Retail volume in the Qualifying Classes will be divided by the Originating Firm's total Customer volume, Retail and non-Retail, in the Qualifying Classes. If an Originating Firm's Retail volume is between 20.00% and 69.99%, the Originating Firm will qualify for Tier B discounts. If an Originating Firm's Retail volume is at or above 70.00%, the Originating Firm will qualify for Tier A discounts. The Qualifying Tier that is applied in a given month is based on an Originating Firm's Retail volume in the prior month. For the Discount Tier, an Originating Firm's Retail volume in the Qualifying Classes will be divided by total Retail volume in the Qualifying Classes executed on the Exchange. The Clearing Trading Permit Holder that is billed for an Originating Firm's transactions under this program will receive the applicable discounts. If there is more than one Clearing Trading Permit Holder that is billed for an Originating Firm's transactions under this program, then the discounts will be applied on a pro rata basis.</p> <p style="text-align: center;">*****</p>