
| Rate Table - Underlying Symbol List A (34) (Also applies to GTH)(37) | | Options Transaction Fees (1)(3)(4)(7)(15)(33)(39) | | | | | | |
|--|---|---|--|-----------------|-------------------|-------------|---|-----------------|
| Capacity | Products | 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 - \$1.99 | \$2.00+ | AIM Agency/Primary (19) | AIM Contra (18) |
| Customer (2) | OEX and XEO | C | {CO} \$0.40 | | | | | |
| | OEX Weeklys, XEO Weeklys (47) | | {CP} \$0.30 | | | | | |
| | RUT | | {CR} \$0.18 | | | | | |
| | [RUT,] RLG, RLV, RUI and UKXM [(40)] | | [(CR) \$0.18] (WR) \$0.00 [RLG, RLV, RUI, UKXM only] | | | | | |
| | SPX (incl SPXW) | | {CS} \$0.36 | | {CT} \$0.45 | | See Rates to Left | |
| | VIX (simple orders) | | {CV} \$0.10 | {CW} \$0.25 | {CX} \$0.40 | {CY} \$0.45 | See Rates to Left | |
| VIX (complex orders) | {CZ} \$0.05 | {DA} \$0.17 | {DB} \$0.30 | {DC} \$0.45 | See Rates to Left | | | |
| Clearing Trading Permit Holder Proprietary (11)(12)(16)(40) | Underlying Symbol List A (34) | F L | {FH} \$0.25 - See Cboe Options Clearing Trading Permit Holder Proprietary Products Sliding Scales/ (WR) \$0.00 RLG, RLV, RUI, UKXM Only | | | | | |
| | VIX | | {FK} \$0.25 - See Cboe Options Clearing Trading Permit Holder VIX Sliding Scale | | | | | |
| Cboe Options Market-Maker/ DPM/LMM (10)(42)(43) | SPX (incl SPXW)(41) | M | {MS} \$0.28 - See SPX Liquidity Provider Sliding Scale/ (SC) \$0.00 | | | | | |
| | RUT | | {MT} \$0.30 | | | | | |
| | OEX and XEO | | {MR} \$0.20 | | | | | |
| | RLG, RLV, RUI, and 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 | |
| Joint Back-Office (45) Broker-Dealer (16)(45) | OEX, XEO and VIX | B N U J | {BR} \$0.40 | | | | | |
| Non-Trading Permit Holder Market Maker (16)(45) | SPX (incl SPXW) | | {BT} \$0.42 | | | | | |
| Professional (45) | RUT | | {BS} \$0.25 Manual and AIM/ (BK) \$0.65 non-AIM Electronic | | | | | |
| | [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] | | | | | |
| 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 and VIX [(40)] | \$0.10 (\$0.00 for capacity 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.) | | | | | |
| | RLG, RLV, RUI and UKXM | | \$0.00 | | | | | |
| FLEX Surcharge Fee (17)(40) | Underlying Symbol List A (34) (except RLG, RLV, RUI and UKXM) | C F J L M B N U | \$0.10 (capped at \$250 per trade) | | | | | |
| | | | RLG, RLV, RUI and UKXM | \$0.00 | | | | |
| Exotic Surcharge (42) | | | C | | | | | |
| Execution Surcharge (21) (Also applies to GTH)(37) | SPX Only (15) | C F J L B N U | \$0.25 | | | | | |
| | SPXW (electronic only) | | \$0.21 | | | | | |
| Customer Priority Surcharge (31) (Also applies to GTH)(37) | VIX (Maker non-turner) | C | \$0.00 | | \$0.20 | | | |

| Marketing Fee | | | |
|-----------------------------------|---------------------|---------------|-------------------------|
| Capacity | Product Line | Capacity Code | Collection Per Contract |
| Cboe Options Market-Maker/DPM/LMM | Penny Pilot Classes | M | \$0.25 |
| | All Other Classes | | \$0.70 |

Notes

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]3.53, a "Preferred Market-Maker" under Cboe Options Rule [8.13]3.56 or a "Lead Market-Maker" under Cboe Options Rule [8.15]3.55 (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.

| Sponsored User Fees | | |
|---------------------|-----------------------|--|
| Type | Fee | Notes |
| Registration Fee | \$2,500 (one time) | This fee is a one-time fee payable by a TPH organization for the registration of each of its Sponsored Users. The Sponsored User Program is governed by Cboe Options Rule [6.20A]3.60. |

| Sales Value Fee | |
|--|--|
| Description | Notes |
| Sales Value Fee | The Sales Value Fee ("Fee") is assessed by Cboe Options to each Trading Permit Holder for sales of securities in the following circumstances: (i) when a sale in option securities occurs with respect to which Cboe Options is obligated to pay a fee to the SEC under Section 31 of the Exchange Act and (ii) when a sell order in option securities is routed for execution at a market other than on Cboe Options, resulting in a covered sale on that market and an obligation of the routing broker providing Routing Services for Cboe Options, as described in Cboe Options Rule [6.14B]5.36, to pay the related sales fee of that market. To the extent there may be any excess monies collected under this Section 6, the Exchange may retain those monies to help fund its general operating expenses. The Exchange may reimburse its routing broker for all Section 31-related fees incurred by the routing broker in connection with the Routing Services it provides. The sales transactions to which the Fee applies are sales of options (other than options on a security index) and sales of securities resulting from the exercise of physical-delivery options traded on Cboe Options. The Fee is collected either indirectly from Trading Permit Holders through their clearing firms by OCC on behalf of Cboe Options with respect to options sales and options exercises or directly from Trading Permit Holders with respect to on-floor position transfers between unaffiliated Trading Permit Holders. The amount of the Fee is calculated as described below. |
| Calculation of Fee for Options Sales and Options Exercises | The Sales Value Fee is equal to (i) the Section 31 fee rate multiplied by (ii) the Trading Permit Holder's aggregate dollar amount of covered sales resulting from options transactions occurring on the Exchange during any computational period. |
| Calculation of Fee for Non-Options Sales | The Sales Value Fee is calculated using the same formula as the formula above for options transactions, except as applied only to the Trading Permit Holder's covered sales other than those resulting from options transactions. |

| 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, and 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 execution will be assessed under this fee. |

| Regulatory Fees | | |
|---|-------------------------------------|---|
| Description | Fee | Notes |
| Options Regulatory Fee ("ORF") (Also applies to GTH)(37)(46) | \$0.0045 per contract | The ORF is assessed by Cboe Options to each Trading Permit Holder for options transactions cleared by the Trading Permit Holder that are cleared by The Options Clearing Corporation (OCC) in the customer range, regardless of the exchange on which the transaction occurs. Cboe Options uses reports from OCC when assessing and collecting the ORF. The fee is collected by OCC on behalf of Cboe Options from the Clearing Trading Permit Holder (CTPH) or non-CTPH that ultimately clears the transaction. With respect to linkage transactions, Cboe Options reimburses its routing broker providing Routing Services pursuant to Cboe Options Rule [6.14B]5.36 for options regulatory fees it incurs in connection with the Routing Services it provides. |
| DPM's and Firm Designated Examining Authority Fee (Also applies to GTH)(37) | \$0.60 per \$1,000 of gross revenue | Subject to a monthly minimum fee of \$1,500 for clearing firms and \$400 for non-clearing firms – As reported on quarterly FOCUS Report, Form X-17A-5. Excludes commodity commission revenue. |

| Miscellaneous | | | |
|--|-----------------------------------|--|--|
| Description | Fee | Frequency | Notes |
| Trading Floor Printer Maintenance | \$75 | Monthly | |
| Late Payment Penalty | prime rate | Monthly | Assessed to balances over 30 days old, per month, compounded |
| Market Maker Failure to Change Appointment or Failure to Meet In-Person Trading Requirements | \$250 | Quarterly | Allowed 1 warning letter before fee |
| DPM requests for post modifications/equipment | Cboe Options costs passed-through | | |
| Crowd Space Dispute Resolution Hearing Fee | \$1,000 | per hearing, per Trading Permit Holder | Fee is \$1,000 per hearing for each party to the dispute and will escalate under certain circumstances pursuant to Cboe Options Rule [24.21]5.93(e). After the hearing is held and all rights of appeal are exhausted, the prevailing party in dispute shall obtain a refund of the Hearing Fee from the Exchange. |
| Catastrophic Error Review Fee | \$5,000 | | Assessed only if, after a request for review with the Exchange of a potential Catastrophic Error, an Official determines that a Catastrophic Error has not occurred. |

| Livevol Fees | | | | | | |
|-----------------|---------------------------------------|-------------------------------------|---|--|---|--|
| Open-Close Data | | | | | | |
| Data Products | Download per Cboe Security | | Download** all Cboe Securities (Equities, Indexes and ETFs) | | Download Daily Updates all Cboe Securities (Equities, Indexes & ETFs) | Notes |
| | One - Nine Years (price per m[M]onth) | Ten or More Years (price per month) | One - Four Years (price per [year]month) | Five or More Years (price per [year]month) | Monthly | |
| Open Close | \$4.50 | [\$270.00]\$2.25 | [\$7,2]600.00* | \$3[,6]00.00* | \$600.00 | *Academic discount applies. Qualifying Academic Purchasers will be charged \$1,500 per year. **File sizes larger than 500GB will be shipped to purchaser on a hard drive. |

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| Footnotes: | |
|-----------------|---|
| Footnote Number | Description |
| 1- 14 | No change. |
| 15 | If Cboe Options exclusively listed options are traded at Cboe Options's facility on a Back-up Exchange pursuant to Cboe Options Rule [6.16]5.26, the Back-up Exchange has agreed to apply the per contract and per contract side fees in this fee schedule to such transactions. If any other Cboe Options listed options are traded on the Back-up Exchange (such as Cboe Options singly listed options that are listed by the Back-up Exchange) pursuant to Cboe Options Rule [6.16]5.26, the fee schedule of the Back-up Exchange shall apply to such trades. If the exclusively listed options of a Disabled Exchange are traded on the Disabled Exchange's facility at Cboe Options pursuant to Cboe Options Rule [6.16]5.26, Cboe Options will apply the per contract and per contract side fees in the fee schedule of the Disabled Exchange to such transactions. If any other options classes of the Disabled Exchange are traded on Cboe Options (such as singly listed options of the Disabled Exchange) pursuant to Cboe Options Rule [6.16]5.26, the fees set forth in the Cboe Options fee schedule shall apply to such trades. |
| 16 - 19 | No change. |

| Footnotes (Continued): | |
|------------------------|---|
| Footnote Number | Description |
| 20 - 29 | No change. |
| 30 | Any Cboe Options Trading Permit Holder or Non-Cboe Options Trading Permit Holder broker-dealer is permitted to avail itself of this arrangement, provided that its complex order routing functionality incorporates certain features and satisfies Cboe Options that it appears to be robust and reliable. To qualify for the subsidy arrangement, a Cboe Options Trading Permit Holder or Non-Cboe Options Trading Permit Holder broker-dealer's order routing functionality has to: (i) be capable of interfacing with Cboe Options's API to access current Cboe Options trade engine functionality; (ii) cause Cboe Options to be the default destination exchange for non-customer complex orders, but allow any user to manually override Cboe Options as the default destination on an order-by-order basis; and (iii) provide current consolidated market data for complex orders from the U.S. options exchanges that offer complex order execution systems. In the event that a U.S. options exchange begins offering complex order execution systems after May 6, 2013, each participating Cboe Options Trading Permit Holder and Participating Non-Cboe Options Trading Permit Holder broker-dealer shall have forty-five (45) days from the date that system is first offered to include that exchange's market data for complex orders into the consolidated market data for complex orders provided by its order routing functionality. For purposes of the CORS Program, a "complex order" shall have the definition set forth in the first sentence of the "Complex Order" definition in Cboe Options Rule [6.53(a)(1)]1.1. Each Participating Cboe Options Trading Permit Holder and Non-Cboe Options Trading Permit Holder is solely responsible for implementing and operating its system. Cboe Options does not make payments under the program with respect to executed contracts in options classes included in Underlying Symbols List A (34), Sector Indexes (47), DJX, MXEA, MXEF or XSP. The Cboe Options Trading Permit Holder or Non-Cboe Options Trading Permit Holder broker-dealer has to agree that it is not entitled to receive any other revenue for the use of its system, specifically with respect to complex orders routed to Cboe Options. Participating Cboe Options Trading Permit Holders and Non-Cboe Options Trading Permit Holders are not precluded, however, from receiving payment for order flow if they choose to do so. Nothing about the subsidy arrangement relieves any Cboe Options Trading Permit Holder or Non-Cboe Options Trading Permit Holder broker-dealer that is using an order routing functionality whose provider is participating in the CORS Program from complying with its best execution obligations. Specifically, just as with any customer order and any other routing functionality, both a Cboe Options Trading Permit Holder and a non-Cboe Options Trading Permit Holder broker-dealer have an obligation to consider the availability of price improvement at various markets and whether routing a customer order through a functionality that incorporates the features described above would allow for access to such opportunities if readily available. Any user, whether or not a Cboe Options Trading Permit Holder, needs to conduct best execution evaluations on a regular basis, at a minimum quarterly, that include its use of any router incorporating the features described above. |
| 31 - 35 | No change. |

| Footnotes (Continued): | |
|------------------------|--|
| Footnote Number | Description |
| 36 | The Exchange shall credit each Trading Permit Holder the per contract amount resulting from each public customer ("C" 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, 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]5.67, 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, 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" capacity code), joint back-office ("J" capacity code) and professional customer ("U" 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, DJX and XSP for the entire trading day. A Trading Permit Holder may request to receive its credit under the VIP as a separate direct payment. |
| 37 - 39 | No change. |
| [40]Reserved | [\$0.00 for transactions in RLG, RLV, RUI and UKXM.] |
| 41 | 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&P 500 Index (SPX) options, SPX Weeklys (SPXW) options, (ii) is a closing-only transaction or, if the transaction involves a Firm order (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)]5.87(d) or [(d)j]; (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]5.88). |
| RESERVED | |
| 43 - 45 | No change. |
| 46 | Pursuant to Cboe Options Rule [15]7.1, solely for purposes of ORF billing, Trading Permit Holders must provide the Exchange with a complete list of its OCC clearing numbers and keep such information up to date with the Exchange. |
| 47 - 50 | No change. |

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