

| Rate Table - Underlying Symbol List A (34) (Also applies to GTH)(37) | | | | Options Transaction Fees (1)(3)(4)(7)(13)(15)(33)(39)(12) | | | | | | |
|--|-----------------------------|---|---------------|---|--------------------|-----------------|--------------------------------|---|-----------------|--|
| Capacity | | Products | Capacity Code | Transaction Fee Per Contract by Premium Price | | | | VIX Only (12) 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) | |
| | | OEX and XEO | | | | | {CO} \$0.40 | | | |
| | | OEX Weeklys, XEO Weeklys (47) | | | | | {CP} \$0.30 | | | |
| | | RUT | | | | | {CR} \$0.18 | | | |
| Cus | tomer (2) | RLG, RLV, RUI and UKXM | С | | | | {WR} \$0.00 | | | |
| | | SPX (incl SPXW) and SPESG | | {CS | \$ \$0.36 | {CT | } \$0.45 | See Rates to | .eft | |
| | | VIX (simple orders) | | {CV} \$0.10 | {CW} \$0.25 | {CX} \$0.40 | {CY} \$0.45 | See Rates to | .eft | |
| | | VIX (complex orders) | | {CZ} \$0.05 | {DA} \$0.17 | {DB} \$0.30 | {DC} \$0.45 | See Rates to | .eft | |
| Clearing Trading Pe | ermit Holder Proprietary | SPX (incl SPXW) and SPESG(41)(12) | FL | {FH} \$0.26 - See Choe Options Clearing Trading Permit Holder Proprietary Products Sliding Scales/ {WR} \$0.00 RLG, RLV, RUI, UKXM Only | | | | | | |
| |)(12)(16) | Underlying Symbol List A (34) | | (Fig. 30.20 - 322 Code Options cleaning Frank Holder FropHetary Frouncts Shuling Scales) (WW) 30.00 Ktd, KtV, KUI, OKNIV Olliy | | | | | | |
| (11 | (12)(10) | VIX | | | | | ons Clearing Trading Permit Ho | | | |
| | | SPX (incl SPXW) and SPESG(41)(12) | | {MS} \$0.28 - See SPX Liquidity Provider Sliding Scale/ {SC} \$0.00 | | | | | | |
| | | RUT | м | {MT} \$0.30 | | | | | | |
| boe Options Market-M | aker/ DPM/LMM (10)(42)(43) | OEX and XEO | | {MR} \$0.20 | | | | | | |
| | | RLG, RLV, RUI, UKXM | | {WR} \$0.00 | | | | | | |
| | | VIX (43)(45) | | {M\ | /} \$0.05 | {MV | v } \$0.23 | See Rates to | .eft | |
| loint Ra | ck-Office (45) | OEX, XEO and VIX | | {BR} \$0.40 | | | | | | |
| JOINE DA | ck-Office (45) | SPX (incl SPXW) and SPESG | BNUJ | {BT} \$0.42 | | | | | | |
| Non-Trading Permit Ho | older Market Maker (16)(45) | RUT | BNUJ | {BS} \$0.25 Manual and AIM/ {BK} \$0.65 non-AIM Electronic | | | | | | |
| Profes | ssional (45) | RLG, RLV, RUI and UKXM | | {WR}\$0.00 | | | | | | |
| | | RUT | | \$0.45 | | | | | | |
| Surcharge Fee (14) | Index License (41)(12) | SPX (incl SPXW) (41)(12) | | \$0.17/ {sc} \$0.00 | | | | | | |
| (Also applies to GTH)(37) | | OEX, XEO, and VIX | FJLMBNU | \$0.10 (\$0.00 for capacity codes F and L for VIX transactions where the VIX Premium is \leq \$0.10 and the related series has an expiration of seven (7) calendar days or less.) | | | | | | |
| | | RLG, RLV, RUI, and UKXM | | 50.00 | | | | | | |
| FLEX Surc | harge Fee (17) | Underlying Symbol List A (34) (exc[p]ept RLG, RLV, RUI, and UKXM) | CFJLMBNU | \$0.10 (capped at \$250 per trade) | | | | | | |
| | | RLG, RLV, RUI, and UKXM | | \$0.00 | | | | | | |
| | Exotic Surch | | С | \$0.25 | | | | | | |

| Execution Surcharge (21)(12) | Execution Surcharge (21)(12) SPX [Only](not incl SPXW) and SPESG (15) | | \$0.21 | | | |
|--|---|----------|--------|--------|--|--|
| (Also applies to GTH)(37) | SPXW (electronic only) | CFJLBNU | \$0.13 | | | |
| Customer Priority Surcharge (31) (Also applies to GTH)(37) | VIX (Maker non-turner) | С | \$0.00 | \$0.20 | | |
| AIM Response Surcharge Fee (12) | SPX (incl SPXW) and SPESG | CFJLMBNU | \$0.05 | | | |
| AIM Contra Surcharge Fee (12) | SPX (incl SPXW) and SPESG | CFJLMBNU | \$0.10 | | | |
| AIM Agency/Primary Surcharge Fee (12) | SPX (incl SPXW) and SPESG | CFJLMBNU | \$0.10 | | | |
| Alivi Agency/ Primary Surcharge Fee (12) | VIX | CFJLMBNU | \$0.04 | | | |
| RFC Execution Surcharge Fee (12) | SPX (incl SPXW) | CFJLMBNU | \$0.05 | | | |
| NFC Execution Surcharge Fee (12) | VIX | CFJLMBNU | \$0.04 | | | |

| SPX/SPXW and SPESG Liquidity Provider Sliding Scale (41)(33)(12) | | | | | |
|--|------|----------------------|---------------|------------------------------|--|
| Capacity | Tier | Volume Thresholds | Capacity Code | Transaction Fee Per Contract | Notes |
| | 1 | 0.00% - 1.00% | М | \$0.28 | |
| a | 2 | Above 1.00% - 4.00% | | \$0.26 | |
| Cboe Options Market- Maker/LMM | 3 | Above 4.00% - 9.00% | | \$0.24 | Volume thresholds are based on total Market-Maker volume in SPX, [and] SPXW and SPESG. |
| IVIAKEI/LIVIIVI | 4 | Above 9.00% - 15.00% | | \$0.23 | |
| | 5 | Above 15.00% | | \$0.21 | |

| Floor Brokerage | | |
|---|--------------------|---------|
| Descri | Fee Per Contract | |
| OEX, XEO, RUT, RLG, RLV, RUI, UKXM, [and] | Non-Crossed Orders | \$0.04 |
| SPX/SPXW and SPESG [Index Options] (24) | Crossed Orders | \$0.02 |
| VIX | Non-Crossed Orders | \$0.03 |
| VIX | Crossed Orders | \$0.015 |

Choe Exchange, Inc. Fees Schedule - September 2[1] 3, 2020

| | Floor Brokerage Fees Discount Scale (41) | | |
|------|---|--|--|
| Tier | Total Monthly Floor Broker Contracts Traded in Qualifying Classes | % Discount on Qualifying Brokerage Fees | Notes |
| 1 | 0 - 250,000 | 0% | |
| 2 | 250,001 - 1,500,000 | 3% | This discount is based on total monthly floor broker volume in OEX, XEO, RUT, SPX, SPX[w]W, SPESG, VIX and volatility index options. |
| 3 | 1,500,001 - 5,000,000 | | |
| 4 | 5,000,001 - 7,500,000 | 5% | Once a volume threshold is attained during the month, the corresponding discount percentage will apply to all qualifying contracts. |
| 5 | Above 7,500,000 | 6% | |

| | RTH SPESG LMM II | ncentive Program | | | | | | | | |
|-----------------|------------------|----------------------------|-----------------|-------------|------------------|----------------------|----------------|-------------|---------------------|-------------|
| | | | <u>Expiring</u> | | <u>Near Term</u> | | Mid Term | | Long Term | |
| <u>Capacity</u> | Capacity Code | Premium Level | 7 days or | r less | <u>8 day</u> | <u>rs to 60 days</u> | 61 days | to 270 days | 271 days or Greater | |
| | | | <u>Width</u> | <u>Size</u> | <u>Width</u> | <u>Size</u> | <u>Width</u> | <u>Size</u> | <u>Width</u> | <u>Size</u> |
| | | <u>\$0.00 - \$5.00</u> | \$0.50 | <u>10</u> | \$0.40 | <u>25</u> | <u>\$0.60</u> | <u>15</u> | \$1.00 | <u>10</u> |
| | | \$5.01 - \$15.00 | \$2.00 | <u>7</u> | \$1.60 | <u>18</u> | <u>\$2.40</u> | <u>11</u> | \$4.00 | <u>7</u> |
| <u>LMM</u> | <u>M</u> | \$15.01 - \$50.00 | <u>\$5.00</u> | <u>5</u> | \$4.00 | <u>13</u> | <u>\$6.00</u> | 8_ | \$10.00 | <u>5</u> |
| LIVIIVI | <u>w</u> | <u>\$50.01 - \$100.00</u> | \$10.00 | <u>3</u> | \$8.00 | 8 | <u>\$12.00</u> | <u>5</u> | \$20.00 | <u>3</u> |
| | | <u>\$100.01 - \$200.00</u> | \$20.00 | <u>2</u> | \$16.00 | <u>5</u> | <u>\$24.00</u> | <u>3</u> | \$40.00 | <u>2</u> |
| | | Greater than \$200.00 | \$30.00 | 1 | \$24.00 | <u>3</u> | <u>\$36.00</u> | <u>1</u> | \$60.00 | 1 |

For SPESG, if the appointed LMM provides continuous electronic quotes during Regular Trading Hours that meet or exceed the above heightened quoting standards in at least 60% of SPESG 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 equal to \$50,000 (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. If, for example, two LMMs meet the heightened continuous quoting standard in SPESG during a month, each will receive \$25,000. If only one LMM meets the heightened continuous quoting standard in SPESG during a month, that LMM would receive \$50,000 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.

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| | Footnotes: |
|-----------------|---|
| Footnote Number | Description |
| 1-11 | lo change. |
| 12 | n the event the Cboe Options trading floor becomes inoperable and the Exchange operates in a screen-based only environment; (1) olders of a Market-Maker Floor Permit will be entitled to access the Exchange electronically to submit orders to the Exchange provided that any Floor Broker TPH that did not have an electronic Access Permit ("EAP") prior to the closure of the trading floor will be charged for one EAP per TPH organization and any floor Market-Maker that did not have a Market Maker EAP will be charged for one Market Maker EAP per TPH organization; (2) if the trading floor eopens mid-month, floor Trading Permit fees for that month will be prorated based on the remaining trading days in the calendar month; (3) the SPX and SPESG, and SPXW Execution Surcharge swill be waived, where applicable, for SPX/[and]SPXW and SPESG orders xecuted via AIM and for SPX/SPXW, Related Future Cross ("RFC") orders; (4) the AIM Agency/Primary Surcharge for SPX/SPXW, SPESG and VIX and RFC Execution Surcharge for SPX/SPXW, Related Future Cross ("RFC") orders; (4) the AIM Agency/Primary Surcharge for SPX/SPXW, SPESG and VIX and RFC Execution Surcharge for SPX/SPXW, BUT, and VIX Contracts executed via AIM, and contracts executed via AIM, and contracts executed via AIM, and contract thresholds for the SPX/SPXW, NET, and VIX contracts executed via AIM, and contracts were decided to the executing Trading Permit Holder; (5) SPX/SPXW, RUT, and VIX contracts executed via AIM, and contracts thresholds for the SPX/SPXW, VIX and RUT Tier Appointment Fees; (6) for purposes of Routing Fees, Close Options will not pass through or therwise charge customer orders (of any size) routed to other exchanges that were originally transmitted to the Exchange from a registered Floor Broker through an Exchange-sponsored terminal; (7) all designated facility fees, including the Trading Floor Printer Maintenance ee, will not be charged when the Exchange operates in a screen-based only environment, however such fees will be pro-rated based on the remaining |
| 13-20 | io change. |
| 21 | Ill electronic executions in SPX, [and] SPXW and SPESG shall be assessed the SPX, [and] SPXW and SPESG 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 re executed during opening rotation on the final settlement date of VIX options and futures which have the expiration that are used in the VIX settlement calculation and (ii) orders executed in SPX, SPXW and SPESG by a floor broker using a PAR terminal. See also footnote 5. |
| 22-23 | lo change. |
| 24 | When the Exchange is operating in a modified state in connection with the COVID-19 pandemic, floor trading permits des will not be assessed on the total number of floor trading permits and by ominees of the TPH each day during the month using the following formula: (i) the number of floor trading permits that have a nominee assigned to it in the Customer Web Portal system ("Portal") in a given month, multiplied by the humber of trading germits that have a nominee assigned to it in the Customer Web Portal system ("Portal") in a given month, multiplied by the humber of trading days in a month. The Exchange will round up to determine the total number of trading permits assessed the fees set forth in the Floor Trading ermit Sliding Scales. If the trading floor becomes fully operational mid-month, trading floor permit fees will continue to be assessed using the foregoing formula. The Exchange will also apply the following pricing changes for the duration of time the Exchange is operating in a nodified state in connection with the COVID-19 pandemic: (1) the monthly fee for the SPX/SPXW Floor Market-Maker Tier Appointment Fee will be increased to \$5,000 per Trading Permit; (2) SPX/SPXW and SPESG Floor Brokerage Fees will be assessed the rate of \$0.05 per ontract for non-crossed orders and \$0.03 per contract for crossed orders; (3) the lnactive Nominee Status (Parking Space) and lnactive Nominee Status Change (Trading Permit Swap) fees will not apply during any month the trading floor is operating in a modified state; and 4) monthly fees will be waived for the following facilities fees: standard and non-standard booth rentals, wireless phone rental, arbitrage phone positions and satellite tv, provided however that such fees will be pro-rated based on the remaining trading days in the calendar nonth if the trading floor becomes fully operational mid-month. If a TPH is unable to utilize designated facility services while the trading floor is operating in a modified state, corresponding fees, including for Exchangefone ma |
| Reserved-33 | lo change. |
| 34 | Inderlying Symbol List A: OEX, XEO, RUT, RLG, RLV, RUI, UKXM, SPX (includes SPX[w] <u>W), SPESG</u> and VIX. |
| 35-50 | lo change. |
