



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 18-April-2018

| DATE | CONTRACT | | OPEN INT | MTM | PREV MTM | HIGH | LOW | DAILY VOLUME | CUMULATIVE VOLUME |
|---------------|----------|--------------|-----------|---------|----------|--------|--------|--------------|--------------------------|
| Future | | | | | | | | | |
| Apr 2018 | DAEU | Future | 16 | 14.7934 | 14.8216 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAEU | Future | 41 | 14.8648 | 14.8926 | 0.0000 | 0.0000 | 0 | 0.00 |
| | | | <u>57</u> | | | | | <i>0.00</i> | <i>0.00</i> |
| | | Total | 57 | | | | | 0.00 | 0.00 |
| | | | | | | | | | <i>790 883.00</i> |
| | | | | | | | | | <i>11 804 363 950.70</i> |
| | | | | | | | | | <i>11 804 363 950.70</i> |
| Future | | | | | | | | | |
| Apr 2018 | DAGB | Future | 9 | 17.0080 | 17.1771 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAGB | Future | 11 | 17.0519 | 17.2224 | 0.0000 | 0.0000 | 0 | 0.00 |
| | | | <u>20</u> | | | | | <i>0.00</i> | <i>0.00</i> |
| | | Total | 20 | | | | | 0.00 | 0.00 |
| | | | | | | | | | <i>53 724.00</i> |
| | | | | | | | | | <i>881 424 413.00</i> |
| | | | | | | | | | <i>881 424 413.00</i> |
| Future | | | | | | | | | |
| Apr 2018 | DAUS | Future | 19,000 | 11.9292 | 11.9817 | 0.0000 | 0.0000 | 19,000 | 227,207,700.00 |
| Apr 2018 | DAUS | Future | 70 | 11.9342 | 11.9885 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | Future | 1,846 | 11.9377 | 11.9920 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | Future | 396 | 11.9446 | 11.9985 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | Future | 46,000 | 11.9560 | 12.0100 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | Future | 70 | 11.9625 | 12.0165 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | Future | 181 | 11.9943 | 12.0485 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | Future | 1,790 | 12.0389 | 12.0935 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | Future | 100 | 12.0434 | 12.0981 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | Future | 1,800 | 12.0708 | 12.1255 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | Future | 500 | 12.0767 | 12.1316 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | Future | 70 | 12.0782 | 12.1331 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | Future | 1,345 | 12.0812 | 12.1361 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | Future | 1,303 | 12.0872 | 12.1422 | 0.0000 | 0.0000 | 0 | 0.00 |
| Aug 2018 | DAUS | Future | 70 | 12.1066 | 12.1620 | 0.0000 | 0.0000 | 0 | 0.00 |
| Aug 2018 | DAUS | Future | 1,666 | 12.1335 | 12.1895 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | DAUS | Future | 1,295 | 12.1753 | 12.2321 | 0.0000 | 0.0000 | 0 | 0.00 |
| Oct 2018 | DAUS | Future | 70 | 12.2155 | 12.2730 | 0.0000 | 0.0000 | 0 | 0.00 |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | <u>CUMULATIVE VOLUME</u> | | |
|-------------|-----------------|--------|-----------------|------------|-----------------|-------------|------------|---------------------|--------------------------|---------------------|---------------------------|
| Oct 2018 | DAUS | Future | 225 | 12.2213 | 12.2790 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Oct 2018 | DAUS | Future | 430 | 12.2242 | 12.2819 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | Future | 70 | 12.2430 | 12.3012 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Feb 2019 | DAUS | Future | 70 | 12.3759 | 12.4371 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Mar 2019 | DAUS | Future | 4,414 | 12.4359 | 12.4979 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jul 2020 | DAUS | Future | 84,000 | 13.2224 | 13.2804 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>166,781</u> | | | | | <u>19,000.00</u> | <u>227,207,700.00</u> | <u>9 264 752.00</u> | <u>112 323 947 540.40</u> |

Option

| | | | | | | | | | |
|----------|------|------------|---------|-----------|-----------|--------|--------|---|------|
| Apr 2018 | DAUS | 12.03 Put | 20,000 | 112.3274 | 81.3708 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 15.00 Put | 1,000 | 3064.0769 | 3009.7933 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 15.81 Call | 2,000 | 0.1075 | 0.2065 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 11.70 Put | 400 | 23.7493 | 20.0340 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 11.76 Put | 202 | 33.9596 | 28.4075 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 11.78 Put | 100 | 38.1386 | 31.8246 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 11.85 Put | 288 | 56.4655 | 46.7878 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 11.87 Call | 202 | 137.4963 | 180.5391 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 11.91 Call | 100 | 112.1571 | 152.5325 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 11.94 Call | 288 | 94.8406 | 132.9431 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 12.04 Put | 240 | 151.9555 | 122.6675 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 12.10 Call | 400 | 40.9964 | 60.6824 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 12.11 Call | 240 | 38.8161 | 57.7406 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 13.80 Put | 1,000 | 1855.4409 | 1801.5515 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 15.23 Call | 500 | 0.1858 | 0.1729 | 0.0000 | 0.0000 | 0 | 0.00 |
| Apr 2018 | DAUS | 15.66 Call | 500 | 0.2557 | 0.3075 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 11.50 Put | 2,000 | 8.2401 | 7.3625 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 11.80 Call | 2,000 | 196.0363 | 242.7370 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.50 Call | 2,000 | 5.7529 | 8.6902 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.25 Call | 20,000 | 26.7203 | 39.9469 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.00 Call | 100,000 | 98.9471 | 130.0172 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.10 Call | 100,000 | 64.8087 | 88.9492 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.74 Put | 1,880 | 785.3979 | 734.4483 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 13.86 Put | 1,880 | 1900.8228 | 1847.0085 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 15.63 Call | 1,880 | 0.1495 | 0.1184 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.75 Put | 11,000 | 790.6252 | 740.7230 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 14.50 Put | 11,000 | 2532.7054 | 2478.7348 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 15.76 Call | 11,000 | 0.0354 | 0.0370 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 10.90 Put | 1,000 | 1.2420 | 1.3811 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 11.70 Put | 1,000 | 46.4348 | 39.0495 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.20 Call | 1,000 | 68.4707 | 89.6178 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.00 Put | 51,000 | 170.8078 | 150.5313 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 13.80 Put | 1,000 | 1807.3987 | 1753.9179 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 15.43 Call | 500 | 0.7871 | 0.7612 | 0.0000 | 0.0000 | 0 | 0.00 |

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|-------------|-----------------|------------|-----------------|------------|-----------------|-------------|------------|---------------------|--------------------------|----------------------|---------------------------|
| May 2018 | DAUS | 15.89 Call | 500 | 0.4383 | 0.4765 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | DAUS | 12.80 Call | 1,746 | 34.7914 | 44.5315 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | DAUS | 13.80 Put | 1,000 | 1770.0598 | 1717.7846 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | DAUS | 15.62 Call | 500 | 1.8582 | 1.9491 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | DAUS | 16.10 Call | 500 | 0.7348 | 0.9612 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jul 2018 | DAUS | 12.07 Put | 2,000 | 279.9074 | 257.6574 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jul 2018 | DAUS | 13.60 Call | 1,000 | 17.6100 | 21.5942 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jul 2018 | DAUS | 13.73 Call | 1,000 | 13.4171 | 16.4771 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jul 2018 | DAUS | 14.45 Put | 1,500 | 2380.8413 | 2328.2180 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jul 2018 | DAUS | 15.94 Call | 1,500 | 1.7460 | 1.6295 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jul 2018 | DAUS | 13.80 Put | 1,000 | 1740.5080 | 1690.4663 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jul 2018 | DAUS | 15.82 Call | 500 | 2.1834 | 2.1821 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jul 2018 | DAUS | 16.32 Call | 500 | 0.8251 | 0.8123 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Aug 2018 | DAUS | 12.32 Put | 1,880 | 467.3213 | 437.3627 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Aug 2018 | DAUS | 13.86 Put | 1,880 | 1792.7837 | 1742.4290 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Aug 2018 | DAUS | 16.18 Call | 1,880 | 1.1534 | 1.1948 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Aug 2018 | DAUS | 13.80 Put | 1,000 | 1718.7375 | 1669.6015 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Aug 2018 | DAUS | 16.05 Call | 500 | 2.1229 | 2.4386 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Aug 2018 | DAUS | 16.57 Call | 500 | 0.8031 | 0.9328 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | DAUS | 13.80 Put | 1,000 | 1701.3296 | 1653.2826 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | DAUS | 16.25 Call | 500 | 2.2316 | 2.9616 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | DAUS | 16.80 Call | 500 | 0.8365 | 1.1535 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Oct 2018 | DAUS | 13.80 Put | 1,000 | 1684.6976 | 1638.3388 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Oct 2018 | DAUS | 16.47 Call | 500 | 7.6463 | 8.3303 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Oct 2018 | DAUS | 17.02 Call | 500 | 3.6785 | 4.0246 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 11.90 Put | 1,880 | 297.4633 | 279.9450 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 13.86 Put | 1,880 | 1736.7436 | 1689.8018 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 16.81 Call | 1,880 | 5.3093 | 6.4497 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 10.83 Put | 51,000 | 45.0033 | 41.7280 | 0.0000 | 0.0000 | 509 | 0.00 | | |
| Nov 2018 | DAUS | 11.67 Put | 51,000 | 212.9699 | 200.3340 | 0.0000 | 0.0000 | 509 | 0.00 | | |
| Nov 2018 | DAUS | 13.22 Call | 51,000 | 208.3342 | 226.1602 | 0.0000 | 0.0000 | 509 | 0.00 | | |
| Nov 2018 | DAUS | 13.80 Put | 1,000 | 1674.1720 | 1629.1776 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 16.70 Call | 500 | 12.2019 | 14.2283 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 17.31 Call | 500 | 6.0608 | 7.1894 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | DAUS | 13.65 Put | 20,000 | 1540.7316 | 1497.5776 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | DAUS | 15.69 Call | 20,000 | 37.4351 | 42.2467 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | DAUS | 13.80 Put | 1,000 | 1662.7696 | 1619.4768 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | DAUS | 16.93 Call | 500 | 15.6944 | 18.6917 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | DAUS | 17.58 Call | 500 | 7.9904 | 9.7218 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>575,126</u> | | | | | <u>1,527.00</u> | <u>0.00</u> | <u>18 196 394.00</u> | <u>0.00</u> |
| | Total | | 741,907 | | | | | 20,527.00 | 227,207,700.00 | 27 461 146.00 | 112 323 947 540.40 |

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|---------------|-----------------|--------------|-----------------|------------|-----------------|-------------|------------|---------------------|--------------------------|---------------------------|
| Option | | | | | | | | | | |
| May 2018 | DAYJ | 8.94 Call | 100,000 | 1129.6076 | 929.7381 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | DAYJ | 8.34 Put | 110,000 | 757.0171 | 852.7507 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>210,000</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>200 000.00</u> |
| | | Total | 210,000 | | | | | 0.00 | 0.00 | 200 000.00 |
| Future | | | | | | | | | | |
| Jun 2018 | EUUS | Future | 190 | 1.2429 | 1.2396 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>190</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>703 628.00</u> |
| | | Total | 190 | | | | | 0.00 | 0.00 | 7 967 376 542.00 |
| Future | | | | | | | | | | |
| Sep 2018 | JYZA | Future | 283 | 8.7277 | 8.6806 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>283</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>18 783.00</u> |
| | | Total | 283 | | | | | 0.00 | 0.00 | 186 145 988.86 |
| Option | | | | | | | | | | |
| Jun 2018 | JYZA | 8.89 Put | 1,200 | 2108.3060 | 2350.8114 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>1,200</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>25 800.00</u> |
| | | Total | 1,483 | | | | | 0.00 | 0.00 | 44 583.00 |
| Future | | | | | | | | | | |
| Jun 2018 | ZAAD | Future | 12,044 | 9.3665 | 9.3856 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Sep 2018 | ZAAD | Future | 850 | 9.4791 | 9.4991 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Dec 2018 | ZAAD | Future | 11,312 | 9.5880 | 9.6097 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>24,206</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>3 605 702.00</u> |
| | | Total | 24,206 | | | | | 0.00 | 0.00 | 31 217 778 105.30 |
| Future | | | | | | | | | | |
| Jun 2018 | ZACA | Future | 1,510 | 9.5568 | 9.6185 | 9.5600 | 9.5600 | 10 | 95,600.00 | |
| | | | <u>1,510</u> | | | | | <u>10.00</u> | <u>95,600.00</u> | <u>131 173.00</u> |
| | | Total | 1,510 | | | | | 10.00 | 95,600.00 | 1 288 725 767.10 |
| Future | | | | | | | | | | |
| Jun 2018 | ZAEU | Future | 116,881 | 14.9423 | 14.9708 | 15.0200 | 14.9470 | 5,566 | 83,577,807.90 | |
| Sep 2018 | ZAEU | Future | 57,137 | 15.2225 | 15.2535 | 15.2915 | 15.2867 | 500 | 7,644,550.00 | |
| Dec 2018 | ZAEU | Future | 4,549 | 15.4981 | 15.5317 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAEU | Future | 2,625 | 15.8046 | 15.8409 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2019 | ZAEU | Future | 5,256 | 16.0678 | 16.1024 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>186,448</u> | | | | | <u>6,066.00</u> | <u>91,222,357.90</u> | <u>14 443 450.00</u> |
| | | Total | 186,448 | | | | | 6,066.00 | 91,222,357.90 | 205 576 852 367.70 |
| Option | | | | | | | | | | |
| Jun 2018 | ZAEU | 13.50 Put | 29,734 | 8.1561 | 8.5335 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAEU | 13.75 Put | 50,995 | 13.2662 | 13.7436 | 0.0000 | 0.0000 | 0 | 0.00 | |

| DATE | CONTRACT | | OPEN INT | MTM | PREV MTM | HIGH | LOW | DAILY VOLUME | CUMULATIVE VOLUME | |
|---------------|----------|--------------|----------------|-----------|-----------|---------|---------|-----------------|----------------------|---------------------------|
| Jun 2018 | ZAEU | 13.97 Put | 6,460 | 20.7668 | 21.2950 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAEU | 14.25 Put | 29,734 | 40.6713 | 40.9496 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAEU | 14.30 Call | 10,000 | 690.7484 | 719.3176 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAEU | 14.40 Call | 10,000 | 609.6069 | 637.5877 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAEU | 15.00 Call | 3,000 | 240.4512 | 260.0828 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAEU | 15.25 Put | 50,995 | 463.9961 | 450.8604 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAEU | 15.63 Call | 29,734 | 79.0610 | 88.7974 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAEU | 16.00 Call | 3,000 | 37.8294 | 44.4042 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAEU | 16.44 Put | 6,460 | 1512.6983 | 1488.1602 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAEU | 18.61 Call | 6,460 | 1.6672 | 1.8668 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAEU | 20.55 Call | 50,995 | 0.2892 | 0.3135 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Sep 2018 | ZAEU | 13.50 Put | 29,734 | 16.3863 | 17.3534 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Sep 2018 | ZAEU | 14.25 Put | 86,824 | 91.3700 | 88.2703 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Sep 2018 | ZAEU | 15.85 Put | 86,824 | 879.4793 | 861.9827 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Sep 2018 | ZAEU | 16.76 Call | 29,734 | 105.2092 | 113.8359 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Sep 2018 | ZAEU | 19.56 Call | 86,824 | 13.3114 | 13.0795 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>607,507</u> | | | | | <i>0.00</i> | <i>0.00</i> | <i>7 917 269.00</i> |
| | | Total | 793,955 | | | | | 6,066.00 | 91,222,357.90 | 22 360 719.00 |
| | | | | | | | | | | 205 576 852 367.70 |
| Future | | | | | | | | | | |
| Jun 2018 | ZAFR | Future | 1,215 | 12.4913 | 12.5661 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>1,215</u> | | | | | <i>0.00</i> | <i>0.00</i> | <i>609 303.00</i> |
| | | Total | 1,215 | | | | | 0.00 | 0.00 | 6 506 705 521.30 |
| Future | | | | | | | | | | |
| Jun 2018 | ZAGB | Future | 216,071 | 17.1515 | 17.3221 | 17.3800 | 17.1600 | 1,793 | 30,911,200.50 | |
| Sep 2018 | ZAGB | Future | 18,494 | 17.4173 | 17.5919 | 17.5687 | 17.4711 | 1,250 | 21,888,850.00 | |
| Dec 2018 | ZAGB | Future | 5,393 | 17.6742 | 17.8524 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAGB | Future | 3,129 | 17.9527 | 18.1338 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2019 | ZAGB | Future | 5,465 | 18.2254 | 18.4047 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>248,552</u> | | | | | <i>3,043.00</i> | <i>52,800,050.50</i> | <i>10 495 513.00</i> |
| | | | | | | | | | | <i>175 659 769 747.20</i> |
| Option | | | | | | | | | | |
| Jun 2018 | ZAGB | 17.50 Put | 500 | 582.0996 | 477.9176 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2018 | ZAGB | 20.40 Call | 500 | 4.0370 | 5.5076 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>1,000</u> | | | | | <i>0.00</i> | <i>0.00</i> | <i>1 774 113.00</i> |
| | | Total | 249,552 | | | | | 3,043.00 | 52,800,050.50 | 12 269 626.00 |
| | | | | | | | | | | 175 659 769 747.20 |
| Future | | | | | | | | | | |
| Jun 2018 | ZAJY | Future | 8,296 | 0.1125 | 0.1131 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>8,296</u> | | | | | <i>0.00</i> | <i>0.00</i> | <i>978 643.00</i> |
| | | Total | 8,296 | | | | | 0.00 | 0.00 | 10 906 872 238.10 |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | | <u>CUMULATIVE VOLUME</u> | |
|---------------|-----------------|--------------|------------------|------------|-----------------|-------------|------------|---------------------|-----------------------|--------------------------|-----------------------------|
| Future | | | | | | | | | | | |
| Jun 2018 | ZAKS | Future | 1,145 | 0.1182 | 0.1190 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | ZAKS | Future | 562 | 0.1184 | 0.1171 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>1,707</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>31 923.00</u> | <u>432 652 210.00</u> |
| | | Total | 1,707 | | | | | 0.00 | 0.00 | 31 923.00 | 432 652 210.00 |
| Future | | | | | | | | | | | |
| Jun 2018 | ZATR | Future | 12,120 | 2.9371 | 2.8924 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>12,120</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>250 309.00</u> | <u>896 989 419.50</u> |
| | | Total | 12,120 | | | | | 0.00 | 0.00 | 250 309.00 | 896 989 419.50 |
| Future | | | | | | | | | | | |
| Jun 2018 | ZAUM | Future | 415 | 12.0221 | 12.0767 | 12.0472 | 12.0337 | 80 | 96,407,950.00 | | |
| Sep 2018 | ZAUM | Future | 50 | 12.1589 | 12.2154 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | ZAUM | Future | 28 | 12.2879 | 12.3473 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>493</u> | | | | | <u>80.00</u> | <u>96,407,950.00</u> | <u>149 365.00</u> | <u>171 947 722 040.00</u> |
| | | Total | 493 | | | | | 80.00 | 96,407,950.00 | 153 888.00 | 171 947 722 040.00 |
| Future | | | | | | | | | | | |
| Jun 2018 | ZAUS | Future | 926,862 | 12.0221 | 12.0767 | 12.1391 | 12.0235 | 35,582 | 429,396,712.80 | | |
| Sep 2018 | ZAUS | Future | 56,865 | 12.1589 | 12.2154 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | ZAUS | Future | 21,666 | 12.2879 | 12.3473 | 12.3000 | 12.3000 | 11 | 135,300.00 | | |
| Mar 2019 | ZAUS | Future | 2,515 | 12.4230 | 12.4849 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2019 | ZAUS | Future | 3,087 | 12.5581 | 12.6192 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>1,010,995</u> | | | | | <u>35,593.00</u> | <u>429,532,012.80</u> | <u>171 355 290.00</u> | <u>2 019 676 736 009.90</u> |
| Option | | | | | | | | | | | |
| Jun 2018 | ZAUS | 11.00 Put | 60,750 | 9.5433 | 8.0503 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 11.20 Put | 2,550 | 17.8749 | 16.5367 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 11.35 Call | 10,000 | 700.4115 | 754.1766 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 11.45 Call | 10,000 | 612.3697 | 664.6329 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 11.50 Put | 40,216 | 48.8124 | 44.3557 | 0.0000 | 0.0000 | 10,000 | 0.00 | | |
| Jun 2018 | ZAUS | 11.60 Put | 12,000 | 69.8782 | 63.7559 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 11.70 Call | 60 | 418.9531 | 465.3946 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 11.75 Put | 60,000 | 112.7443 | 103.4311 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 11.77 Put | 76,000 | 119.5710 | 109.7684 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 11.80 Put | 1,500 | 130.3183 | 119.7588 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 11.90 Put | 9,500 | 170.6615 | 157.3551 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 12.00 Call | 3,000 | 240.1434 | 278.3979 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 12.00 Put | 39,050 | 218.0434 | 201.6979 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 12.06 Put | 150 | 252.2417 | 231.5509 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAUS | 12.12 Put | 372 | 288.8585 | 264.5383 | 0.0000 | 0.0000 | 0 | 0.00 | | |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | <u>CUMULATIVE VOLUME</u> |
|-------------|-----------------|------------|-----------------|------------|-----------------|-------------|------------|---------------------|--------------------------|
| Jun 2018 | ZAUS | 12.14 Put | 155,500 | 301.5768 | 276.5467 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.15 Call | 500 | 180.1301 | 209.3452 | 0.0000 | 0.0000 | 500 | 0.00 |
| Jun 2018 | ZAUS | 12.15 Put | 500 | 308.0301 | 282.6452 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.25 Put | 2,415 | 375.7998 | 346.9710 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.30 Call | 4,000 | 133.8483 | 157.9768 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.30 Put | 24,500 | 411.7483 | 381.2768 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.40 Put | 12,603 | 487.3179 | 453.7480 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.45 Call | 150 | 98.8580 | 118.4430 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.50 Call | 10,050 | 89.2876 | 107.4999 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.50 Put | 114,600 | 567.1876 | 530.7999 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.75 Put | 66 | 781.0157 | 739.1500 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.96 Put | 2,700 | 972.0591 | 926.4995 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.00 Call | 15,500 | 31.4156 | 39.8732 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.00 Put | 21,728 | 1009.3156 | 963.1732 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.05 Put | 1,250 | 1056.2018 | 1009.3813 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.17 Put | 965 | 1169.9648 | 1121.7208 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.20 Put | 372 | 1198.6420 | 1150.0836 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.30 Put | 25,500 | 1294.3588 | 1245.3021 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.35 Call | 60,000 | 14.6567 | 19.6491 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.46 Put | 5,183 | 1449.2513 | 1398.5955 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.48 Put | 7,420 | 1468.7356 | 1417.9120 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.50 Put | 114,600 | 1488.2432 | 1437.2588 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.64 Put | 70,530 | 1625.3703 | 1573.4221 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.75 Put | 2,415 | 1733.6882 | 1681.1556 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.80 Put | 500 | 1783.0560 | 1730.2998 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.81 Put | 40,000 | 1792.9382 | 1740.1401 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.83 Put | 300 | 1812.7108 | 1759.8315 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.84 Put | 500 | 1822.6010 | 1769.6825 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.90 Put | 1,000 | 1881.9940 | 1828.8569 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.00 Call | 30,000 | 3.2546 | 4.4120 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.00 Put | 500 | 1981.1546 | 1927.7120 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.10 Put | 7,028 | 2080.4910 | 2026.8042 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.25 Put | 2,000 | 2229.7461 | 2175.7832 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.53 Call | 7,600 | 1.3047 | 1.4000 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.71 Call | 50 | 1.2951 | 1.3672 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.81 Call | 500 | 1.2953 | 1.3559 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.11 Call | 760 | 1.3159 | 1.3464 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.14 Call | 2,700 | 1.3194 | 1.3473 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.22 Call | 372 | 1.3300 | 1.3507 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.30 Call | 24,500 | 1.3423 | 1.3560 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.43 Call | 15,000 | 1.3655 | 1.3684 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.50 Call | 114,600 | 1.3796 | 1.3769 | 0.0000 | 0.0000 | 0 | 0.00 |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | <u>CUMULATIVE VOLUME</u> |
|-------------|-----------------|------------|-----------------|------------|-----------------|-------------|------------|---------------------|--------------------------|
| Jun 2018 | ZAUS | 15.53 Call | 965 | 1.3860 | 1.3809 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.79 Call | 40,000 | 0.9293 | 1.3048 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.16 Call | 5,183 | 0.4073 | 0.5922 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.38 Call | 750 | 0.2458 | 0.3650 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.41 Call | 300 | 0.2292 | 0.3415 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.49 Call | 7,420 | 0.1902 | 0.2855 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.52 Call | 66 | 0.1773 | 0.2669 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.65 Call | 500 | 0.1304 | 0.1989 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.92 Call | 2,415 | 0.0681 | 0.1068 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 17.00 Call | 3,500 | 0.0561 | 0.0886 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 17.21 Call | 500 | 0.0334 | 0.0539 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 17.38 Call | 7,028 | 0.0218 | 0.0359 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 11.48 Put | 5,200 | 117.3548 | 108.0014 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 11.50 Put | 45,000 | 122.5089 | 112.8392 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 11.60 Put | 2,000 | 151.1976 | 139.3122 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 11.75 Put | 73,314 | 202.9644 | 188.1285 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 11.85 Put | 48,200 | 242.9082 | 225.9937 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.00 Put | 13,300 | 310.9958 | 290.8563 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.25 Call | 500 | 357.3201 | 386.7632 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.30 Put | 100 | 479.7463 | 451.5627 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.50 Call | 1,600 | 272.9018 | 296.9473 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.61 Put | 5,300 | 693.3850 | 658.7647 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.65 Put | 1,550 | 723.1300 | 687.7592 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.77 Call | 5,200 | 203.8267 | 222.8433 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.80 Call | 50 | 197.3140 | 215.8618 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.85 Put | 750 | 878.0345 | 839.2966 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.25 Call | 1,250 | 122.0608 | 134.5420 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.25 Put | 73,314 | 1213.1608 | 1169.1420 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.30 Call | 1,500 | 115.8461 | 127.7812 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.50 Call | 3,000 | 92.8543 | 103.2628 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.65 Call | 1,464 | 78.4670 | 87.5093 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 15.97 Call | 5,300 | 3.0406 | 3.6174 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 16.04 Call | 1,550 | 2.6892 | 3.2072 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 16.14 Call | 750 | 2.2533 | 2.6967 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 16.29 Call | 73,314 | 1.7228 | 2.0728 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 11.64 Put | 2,764 | 218.6665 | 207.3849 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 12.50 Call | 150 | 437.5204 | 469.0330 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 13.00 Call | 6,000 | 294.1379 | 317.3210 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 13.20 Call | 7,000 | 251.9535 | 272.4867 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 13.80 Call | 2,764 | 157.7191 | 172.5332 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 14.89 Call | 1,000 | 67.3707 | 74.6650 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 15.95 Call | 2,000 | 33.3457 | 37.7680 | 0.0000 | 0.0000 | 0 | 0.00 |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | <u>CUMULATIVE VOLUME</u> | |
|-------------|-----------------|--------------|------------------|------------|-----------------|-------------|------------|---------------------|--------------------------|-----------------------------|
| Mar 2019 | ZAUS | 10.33 Put | 1,000 | 29.1417 | 25.8436 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAUS | 11.74 Put | 1,000 | 297.5543 | 288.0104 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAUS | 12.06 Put | 4,145 | 435.9491 | 419.5650 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAUS | 13.45 Call | 4,145 | 329.6840 | 354.5181 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAUS | 14.48 Call | 1,000 | 172.1219 | 188.2723 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Dec 2019 | ZAUS | 20.00 Call | 2,000 | 46.3582 | 51.9695 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>1,693,206</u> | | | | | <u>10,500.00</u> | <u>0.00</u> | <u>47 455 677.00</u> |
| | | Total | 2,704,201 | | | | | 46,093.00 | 429,532,012.80 | 218 810 967.00 |
| | | | | | | | | | | 2 019 676 736 009.90 |

| | | | | | | | | | | | |
|--------------------|------------------|--|--|--|--|--|--|------------------|-----------------------|--------------------|-----------------------------|
| Grand Total | 4,750,912 | | | | | | | 75,819.00 | 897 265 671.20 | 298,237,180 | 2,802,153,237,342.88 |
|--------------------|------------------|--|--|--|--|--|--|------------------|-----------------------|--------------------|-----------------------------|