| BROKER OR DEALER | | |
|--------------------------|-------|----------|
| | as of | 08/31/18 |
| MORGAN STANLEY & CO. LLC | | 30/01/10 |

STATEMENT OF SEGREGATION REQUIREMENTS AND FUNDS IN SEGREGATION FOR CUSTOMERS TRADING ON U.S. COMMODITY EXCHANGES

| SEGREGATION REQUIREMENTS (Section 4d(2) of the CEAct) | | | | |
|---|-------------------|-------|--------------|-------|
| 1. Net ledger balance | | | | |
| A. Cash | | \$10 | ,793,376,676 | 7010 |
| B. Securities (at market) | | 5 | ,749,656,223 | 7020 |
| 2. Net unrealized profit (loss) in open futures contracts traded on a contract market | | | 167,824,697 | 7030 |
| 3. Exchange traded options | | | | |
| A. Add market value of open option contracts purchased on a contract market | | | 378,617,783 | 7032 |
| B. Deduct market value of open option contracts granted (sold) on a contract market | | | 422,194,472) | |
| 4. Net equity (deficit) (add lines 1, 2, and 3) | | 16 | ,667,280,907 | 7040 |
| 5. Accounts liquidating to a deficit and accounts with debit balances | | | | |
| - gross amount | 182,090,649 7045 | | | |
| | | | | |
| Less: amount offset by customer owned securities (| 181,606,684) 7047 | | 483,965 | 7050 |
| 6. Amount required to be segregated (add lines 4 and 5) | | \$ 16 | ,667,764,872 | 7060 |
| FUNDS IN SEGREGATED ACCOUNTS | | | | |
| 7. Deposited in segregated funds bank accounts | | | | |
| A. Cash | | | 005 070 044 | 7070 |
| B. Securities representing investments of customers' funds (at market) | | 4 | ,895,070,811 | 7080 |
| C. Securities held for particular customers or option customers in lieu of cash (at market) | | | <u>0</u> | 7090 |
| Margins on deposit with derivatives clearing organizations of contract markets | | | 536,531,347 | 7000 |
| A. Cash | | \$ 6 | 202 000 004 | 7100 |
| B. Securities representing investments of customers' funds (at market) | | Ψ | ,363,906,294 | 7110 |
| C. Securities held for particular customers or option customers in lieu of cash (at market) | | | ,213,124,876 | 7120 |
| Net settlement from (to) derivatives clearing organizations of contract markets | | 5 | 49,636,046 | 7130 |
| 10. Exchange traded options | | | 49,030,040 | 7 100 |
| A. Value of open long option contracts | | | 378,617,783 | 7132 |
| B. Value of open short option contracts | | | 422,194,472 | = |
| 11. Net equities with other FCMs | | | 422,134,472 | ,[55] |
| A. Net liquidating equity | | | 5,835,238 | 7140 |
| B. Securities representing investments of customers' funds (at market) | | | | 7160 |
| C. Securities held for particular customers or option customers in lieu of cash (at market) | | | 0 | 7170 |
| 12. Segregated funds on hand (describe: | |) | 0 | 7150 |
| 13. Total amount in segregation (add lines 7 through 12) | | 17. | ,020,527,923 | 7180 |
| 14. Excess (deficiency) funds in segregation (subtract line 6 from line 13) | | | 352,763,051 | 7190 |
| 15. Management Target Amount for Excess funds in segregation | | | | 7194 |
| 16. Excess (deficiency) funds in segregation over (under) Management Target Amount Excess | : | \$ | - | 7198 |

| BROKER OR DEALER | | |
|--------------------------|-------|----------|
| | as of | 08/31/18 |
| MORGAN STANLEY & CO. LLC | | |

STATEMENT OF SEGREGATION REQUIREMENTS AND FUNDS IN SEGREGATION FOR CUSTOMERS' DEALER OPTIONS ACCOUNTS

| 1. Amount required to be segregated in accordance | | |
|---|-------------------------|-------------------|
| with Commission regulation 32.6 | \$ | 0 7200 |
| 2. Funds in segregated accounts | | |
| A. Cash | \$ ₀ 7210 | |
| B. Securities (at market) | 0 7220 | |
| C. Total | | ₀ 7230 |
| 3. Excess (deficiency) funds in segregation | | |
| (subtract line 2.C from line 1) | \$ | 0 7240 |

| BROKER OR DEALER | | |
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| MORGAN STANLEY & CO. LLC | as of | 08/31/18 |
| MORGAN STANLET & CO. LLC | · · | |

STATEMENT OF SECURED AMOUNTS AND FUNDS HELD IN SEPARATE ACCOUNTS PURSUANT TO COMMISSION REGULATION 30.7

| FOREIGN FUTURES AND FOREIGN OPTIONS SECURED AMOUNTS | | | |
|--|---|----|--|
| Amount required to be set aside pursuant to law, rule or regulation of a foreign or a rule of a self-regulatory organization authorized thereunder | government | \$ | 0 7305 |
| Net ledger balance - Foreign Futures and Foreign Option Trading - All Custo A. Cash B. Securities (at market) | mers | \$ | 3,219,932,220 7315 2,335,731,934 7317 |
| 2. Net unrealized profit (loss) in open futures contracts traded on a foreign boa | rd of trade | | (363,970,502) 7325 |
| 3. Exchange traded optionsA. Market value of open option contracts purchased on a foreign board of tradeB. Market value of open contracts granted (sold) on a foreign board of trade | | | 33,811,934 (29,322,049) 7337 |
| 4. Net equity (deficit) (add lines 1. 2. and 3.) | | \$ | 5,196,183,537 7345 |
| Accounts liquidating to a deficit and accounts with debit balances - gross amount Less: amount offset by customer owned securities | \$ <u>355,769,225</u> 735 (354,152,049) 735 | = | 1,617,176 7354 |
| 6. Amount required to be set aside as the secured amount - Net Liquidating Equity Method (add lines 4 and 5) | | \$ | 5,197,800,713 7355 |
| 7. Greater of amount required to be set aside pursuant to foreign jurisdiction (above) or line 6. | | \$ | 5,197,800,713 7360 |

| BROKER OR DEALER | | |
|--------------------------|-------|----------|
| MORGAN STANLEY & CO. LLC | as of | 08/31/18 |

STATEMENT OF SECURED AMOUNTS AND FUNDS HELD IN SEPARATE ACCOUNTS PURSUANT TO COMMISSION REGULATION 30.7

| FUNDS DEPOSITED IN SEPARATE REGULATION 30.7 ACCOUNTS | | |
|---|----------------|----------------------------|
| 1. Cash in banks | | |
| A. Banks located in the United States \$ | 593,010,535 | 7500 |
| B. Other banks qualified under Regulation 30.7 | | |
| Name(s): 0 7510 | 621,511,005 | 7520 \$ 1,214,521,540 7530 |
| 2. Securities | | |
| A. In safekeeping with banks located in the United States | 57,572,254 | 7540 |
| B. In safekeeping with other banks qualified under Regulation 30.7 | | |
| Name(s): <u>0</u> 7550 | 0 | 7560 57,572,254 7570 |
| 3. Equities with registered futures commission merchants | | |
| A. Cash | 6,160,583 | 7580 |
| B. Securities | 0 | 7590 |
| C. Unrealized gain (loss) on open futures contracts | 1,767,502 | 7600 |
| D. Value of long option contracts | 0 | 7610 |
| E. Value of short option contracts | (0)[| 7615 7,928,085 7620 |
| 4. Amounts held by clearing organizations of foreign boards of trade | | |
| Name(s): 0 7630 | | |
| A. Cash | <u> </u> | 7640 |
| B. Securities | 0 | 7650 |
| C. Amount due to (from) clearing organizations - daily variation | 0 | 7660 |
| D. Value of long option contracts | 0 | 7670 |
| E. Value of short option contracts | (<u> </u> | 7675 0 7680 |
| 5. Amounts held by members of foreign boards of trade | | |
| Name(s): 0 7690 | | |
| A. Cash | 2,192,922,793 | 7700 |
| B. Securities | 2,278,159,680 | 7710 |
| C. Unrealized gain (loss) on open futures contracts | (365,735,293) | 7720 |
| D. Value of long option contracts | 33,811,934 | 7730 |
| E. Value of short option contracts | ((29,322,049)) | 7735 4,109,837,065 7740 |
| 6. Amounts with other depositories designated by a foreign board of trade | | |
| Name(s): 0 7750 | | <u>0</u> 7760 |
| 7. Segregated funds on hand (describe: |) | 0 7765 |
| 8. Total funds in separate section 30.7 accounts | | \$ 5,389,858,944 7770 |
| 9. Excess (deficiency) set Aside Funds for Secured Amount (subtract Line 7 Se | ecured | |
| Statement page 15 from Line 8) | | \$192,058,231 7380 |
| 10. Management Target Amount for Excess funds in separate section 30.7 acc | ounts | \$ 140,000,000 7780 |
| 11. Excess (deficiency) funds in separate 30.7 accounts over (under) Managen | | |
| 11. Litess (deficiency) fullus in separate 50.7 accounts over (under) Managen | nent larget | \$ 52,058,231 7785 |

| BROKER OR DEALER | | |
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| MORGAN STANLEY & CO. LLC | as of | 08/31/18 |

STATEMENT OF CLEARED SWAPS CUSTOMER SEGREGATION REQUIREMENTS AND FUNDS IN CLEARED SWAPS CUSTOMER ACCOUNTS UNDER 4D(F) OF THE CEA

| Cleared Swaps Customer Requirements | | | |
|--|--------------------------------|----|---------------------|
| 1. Net ledger balance | | | |
| A. Cash | | \$ | 6,053,547,017 |
| B. Securities (at market) | | | 6,096,108,746 8510 |
| 2. Net unrealized profit (loss) in open cleared swaps | | | 3,719,615,458 |
| 3. Cleared swaps options | | | |
| A. Market value of open cleared swaps option contracts purchased | | | 0 8530 |
| B. Market value of open cleared swaps option contracts granted (sold) | | (| 0) 8540 |
| 4. Net equity (deficit) (add lines 1, 2, and 3) | | \$ | 15,869,271,221 8550 |
| 5. Accounts liquidating to a deficit and accounts with | | | |
| debit balances - gross amount | \$ 70,979,899 8560 | | |
| Less: amount offset by customer owned securities | (69,396,257)[8570] | | 1,583,642 8580 |
| 6. Amount required to be segregated for cleared swaps customers (add lines | 4 and 5) | \$ | 15,870,854,863 8590 |
| Funds in Cleared Swaps Customer Segregated Accounts | | | |
| 7. Deposited in cleared swaps customer segregated accounts at banks | | | |
| A. Cash | | \$ | 2,174,067,804 8600 |
| B. Securities representing investments of cleared swaps customers' funds | (at market) | | 0 8610 |
| C. Securities held for particular cleared swaps customers in lieu of cash (at | market) | | 280,219,108 8620 |
| 8. Margins on deposit with derivatives clearing organizations in cleared swaps | s customer segregated accounts | | |
| A. Cash | | | 7,825,400,160 8630 |
| B. Securities representing investments of cleared swaps customers' funds | (at market) | | 0 8640 |
| C. Securities held for particular cleared swaps customers in lieu of cash (at | : market) | | 5,815,889,639 8650 |
| 9. Net settlement from (to) derivatives clearing organizations | | | (85,743,734) 8660 |
| 10. Cleared swaps options | | | |
| A. Value of open cleared swaps long option contracts | | | 0 8670 |
| B. Value of open cleared swaps short option contracts | | (| 0) 8680 |
| 11. Net equities with other FCMs | | | |
| A. Net liquidating equity | | | 0 8690 |
| B. Securities representing investments of cleared swaps customers' funds | (at market) | | 0 8700 |
| C. Securities held for particular cleared swaps customers in lieu of cash (at | r market) | | 0 8710 |
| 12. Cleared swaps customer funds on hand (describe: |) | | 0 8715 |
| 13. Total amount in cleared swaps customer segregation (add lines 7 through | 12) | \$ | 16,009,832,977 |
| 14. Excess (deficiency) funds in cleared swaps customer segregation (subtra | ct line 6 from line 13) | \$ | 138,978,114 8730 |
| 15. Management Target Amount for Excess funds in cleared swaps segregate | ed accounts | \$ | 92,000,000 8760 |
| 16. Excess (deficiency) funds in cleared swaps customer segregated account | s over | | |
| (under) Management Target Excess | | \$ | 46,978,114 8770 |