| BROKER OR DEALER | | |
|--------------------------|-------|----------|
| MORGAN STANLEY & CO. LLC | as of | 03/31/18 |

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 | \$ | 10,617,030,732 | 7010 |
| B. Securities (at market) | | 5,163,501,114 | |
| 2. Net unrealized profit (loss) in open futures contracts traded on a contract market | | 432,809,207 | |
| 3. Exchange traded options | | | |
| A. Add market value of open option contracts purchased on a contract market | | 398,811,651 | 7032 |
| B. Deduct market value of open option contracts granted (sold) on a contract market | (| 633,714,007 | 7033 |
| 4. Net equity (deficit) (add lines 1, 2, and 3) | | 15,978,438,697 | |
| 5. Accounts liquidating to a deficit and accounts with debit balances | | | |
| - gross amount | 281,282,120 7045 | | |
| Less: amount offset by customer owned securities (| 239,720,485) 7047 | 41,561,635 | 7050 |
| 6. Amount required to be segregated (add lines 4 and 5) | \$ | 16,020,000,332 | 7060 |
| FUNDS IN SEGREGATED ACCOUNTS | | | |
| 7. Deposited in segregated funds bank accounts | | | |
| A. Cash | | 4,918,548,857 | 7070 |
| B. Securities representing investments of customers' funds (at market) | | 0 | 7080 |
| C. Securities held for particular customers or option customers in lieu of cash (at market) | | 963,714,839 | 7090 |
| 8. Margins on deposit with derivatives clearing organizations of contract markets | | | |
| A. Cash | \$ | 6,536,690,459 | 7100 |
| B. Securities representing investments of customers' funds (at market) | | 0 | 7110 |
| C. Securities held for particular customers or option customers in lieu of cash (at market) | | 4,199,786,274 | 7120 |
| 9. Net settlement from (to) derivatives clearing organizations of contract markets | | 27,444,601 | 7130 |
| 10. Exchange traded options | | | |
| A. Value of open long option contracts | | 398,811,651 | 7132 |
| B. Value of open short option contracts | | (633,714,007 |) 7133 |
| 11. Net equities with other FCMs | | | |
| A. Net liquidating equity | | 2,831,790 | 7140 |
| B. Securities representing investments of customers' funds (at market) | | 0 | 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) | | 16,414,114,464 | 7180 |
| 14. Excess (deficiency) funds in segregation (subtract line 6 from line 13) | \$ | 394,114,132 | 7190 |
| 15. Management Target Amount for Excess funds in segregation | \$ | 331,000,000 | 7194 |
| 16. Excess (deficiency) funds in segregation over (under) Management Target Amount Excess | \$ | 63,114,132 | 7198 |

| BROKER OR DEALER | | |
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| | as of | 03/31/18 |
| 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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| | as of | 03/31/18 |
| MORGAN STANLEY & 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 government or a rule of a self-regulatory organization authorized thereunder | | | \$ 0 7305 |
| Net ledger balance - Foreign Futures and Foreign Option Trading - All Customers Cash Securities (at market) | | | \$ 3,299,572,087 2,013,926,431 7317 |
| 2. Net unrealized profit (loss) in open futures contracts traded on a foreign box | ard of trade | | (114,125,335) 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 | | | 29,049,759 7335 (20,769,581) 7337 |
| 4. Net equity (deficit) (add lines 1. 2. and 3.) | | \$ 5,207,653,361 7345 | |
| 5. Accounts liquidating to a deficit and accounts with | • | 7054 | |
| debit balances - gross amount Less: amount offset by customer owned securities | (| 93,457,912 7351 92,977,463) 7352 | 480,449 7354 |
| 6. Amount required to be set aside as the secured amount - Net Liquidating Equity Method (add lines 4 and 5) | | \$ 5,208,133,810 7355 | |
| 7. Greater of amount required to be set aside pursuant to foreign jurisdiction (above) or line 6. | | \$ 5,208,133,810 7360 | |

| BROKER OR DEALER | | |
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| MORGAN STANLEY & CO. LLC | as of _ | 03/31/18 |

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 | \$ | 227,756,846 7500 | |
| B. Other banks qualified under Regulation 30.7 | | | |
| Name(s): 0 7510 | | 687,456,297 7520 | 915,213,143 7530 |
| 2. Securities | | | |
| A. In safekeeping with banks located in the United States | \$ | 259,275,372 7540 | |
| B. In safekeeping with other banks qualified under Regulation 30.7 | | | |
| Name(s): <u>0</u> 7550 | | 0 7560 | 259,275,372 7570 |
| 3. Equities with registered futures commission merchants | | | |
| A. Cash | \$ | 5,644,359 7580 | |
| B. Securities | | 0 7590 | |
| C. Unrealized gain (loss) on open futures contracts | | 132,518 7600 | |
| D. Value of long option contracts | | ₀ 7610 | |
| E. Value of short option contracts | (| <u>0</u>) 7615 | 5,776,877 7620 |
| 4. Amounts held by clearing organizations of foreign boards of trade | | | |
| Name(s): 0 7630 | | | |
| A. Cash | \$ | 0 7640 | |
| B. Securities | | 0 7650 | |
| C. Amount due to (from) clearing organizations - daily variation | | 0 7660 | |
| D. Value of long option contracts | | <u>0</u> 7670 | |
| E. Value of short option contracts | (| ₀) 7675 | <u> </u> |
| 5. Amounts held by members of foreign boards of trade | | | |
| Name(s): 0 7690 | _ | | |
| A. Cash | \$ | 2,567,358,664 7700 | |
| B. Securities | | 1,754,651,059 7710 | |
| C. Unrealized gain (loss) on open futures contracts | | (114,264,356) 7720 | |
| D. Value of long option contracts | | 29,049,759 7730 | |
| E. Value of short option contracts | (| (20,769,581) 7735 | 4,216,025,545 |
| 6. Amounts with other depositories designated by a foreign board of trade | | | 7700 |
| Name(s): 0 7750 | | | 0 7760 |
| 7. Segregated funds on hand (describe: |) | | 0 7765 |
| 8. Total funds in separate section 30.7 accounts | | 9 | 5,396,290,937 |
| 9. Excess (deficiency) set Aside Funds for Secured Amount (subtract Line 7 | Secured | | |
| Statement page 15 from Line 8) | | \$ | 188,157,127 7380 |
| 10. Management Target Amount for Excess funds in separate section 30.7 a | accounts | \$ | 140,000,000 7780 |
| 11. Excess (deficiency) funds in separate 30.7 accounts over (under) Manage | gement Targe | t \$ | 48,157,127 7785 |

| BROKER OR DEALER | oo of | |
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| MORGAN STANLEY & CO. LLC | as of | 03/31/18 |

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 | | \$ | 7,888,102,609 | 0 |
| B. Securities (at market) | | | 5,847,097,627 8510 | 0 |
| 2. Net unrealized profit (loss) in open cleared swaps | | | 2,632,288,035 8520 | 0 |
| 3. Cleared swaps options | | | | |
| A. Market value of open cleared swaps option contracts purchased | | | 0 8530 | 0 |
| B. Market value of open cleared swaps option contracts granted (sold) | | (| 0) 8540 | 0 |
| 4. Net equity (deficit) (add lines 1, 2, and 3) | | \$ | 16,367,488,271 | 0 |
| 5. Accounts liquidating to a deficit and accounts with | | | | |
| debit balances - gross amount | \$ 81,709,558 8560 | | | |
| Less: amount offset by customer owned securities | (80,978,385) 8570 | | 731,173 8580 | 0 |
| 6. Amount required to be segregated for cleared swaps customers (add lines 4 | and 5) | \$ | 16,368,219,444 | 0 |
| Funds in Cleared Swaps Customer Segregated Accounts | | | | |
| 7. Deposited in cleared swaps customer segregated accounts at banks | | | | |
| A. Cash | | \$ | 2,639,502,162 8600 | 0 |
| B. Securities representing investments of cleared swaps customers' funds (a | at market) | | 0 8610 | 0 |
| C. Securities held for particular cleared swaps customers in lieu of cash (at r | market) | | 261,090,443 | 0 |
| 8. Margins on deposit with derivatives clearing organizations in cleared swaps | customer segregated accounts | | | |
| A. Cash | | | 8,126,243,053 | 0 |
| B. Securities representing investments of cleared swaps customers' funds (a | at market) | | 0 8640 | 0 |
| C. Securities held for particular cleared swaps customers in lieu of cash (at r | market) | | 5,586,007,184 | 0 |
| 9. Net settlement from (to) derivatives clearing organizations | | | (35,314,132) 8660 | 0 |
| 10. Cleared swaps options | | | | |
| A. Value of open cleared swaps long option contracts | | | 0 8670 | 0 |
| B. Value of open cleared swaps short option contracts | | (| 0) 8680 | 0 |
| 11. Net equities with other FCMs | | | | |
| A. Net liquidating equity | | | 0 8690 | 0 |
| B. Securities representing investments of cleared swaps customers' funds (a | at market) | | 0 8700 | 0 |
| C. Securities held for particular cleared swaps customers in lieu of cash (at r | market) | | 0 8710 | 0 |
| 12. Cleared swaps customer funds on hand (describe: |) | | 0 8715 | 5 |
| 13. Total amount in cleared swaps customer segregation (add lines 7 through 1 | 2) | \$ | 16,577,528,710 8720 | 0 |
| 14. Excess (deficiency) funds in cleared swaps customer segregation (subtract | line 6 from line 13) | \$ | 209,309,266 8730 | 0 |
| 15. Management Target Amount for Excess funds in cleared swaps segregated | accounts | \$ | 92,000,000 8760 | 0 |
| 16. Excess (deficiency) funds in cleared swaps customer segregated accounts | over | | | |
| (under) Management Target Excess | | \$ | 117,309,266 8770 | 0 |