| BROKER OR DEALER         |       |          |
|--------------------------|-------|----------|
| MORGAN STANLEY & CO. LLC | as of | 05/31/18 |

# 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  |               |                  | \$   | 9,552,298,438  | 7010 |
| B. Securities (at market)  |               |                  |      | 5,471,391,881  | 7020 |
| 2. Net unrealized profit (loss) in open futures contracts traded on a contract ma  | rket          |                  |      | 495,149,581    | 7030 |
| 3. Exchange traded options   |               |                  |      |                |      |
| A. Add market value of open option contracts purchased on a contract market  | et            |                  |      | 440,296,369    | 7032 |
| B. Deduct market value of open option contracts granted (sold) on a contract   | market        |                  | (    | 613,277,800)   |      |
| 4. Net equity (deficit) (add lines 1, 2, and 3)  |               |                  |      | 15,345,858,469 |      |
| 5. Accounts liquidating to a deficit and accounts with debit balances  |               |                  |      |                |      |
| - gross amount   |               | 366,561,404 704  | 5    |                |      |
|  |               |                  | _    |                |      |
| Less: amount offset by customer owned securities   | (             | 359,200,041) 704 | 7    | 7,361,363      | 7050 |
| 6. Amount required to be segregated (add lines 4 and 5)  |               |                  | \$   | 15,353,219,832 | 7060 |
| T. I. I. D. I. I. G. T. D. I. G. G. I. I. T. G. G. G. |               |                  |      |                |      |
| FUNDS IN SEGREGATED ACCOUNTS   |               |                  |      |                |      |
| 7. Deposited in segregated funds bank accounts   |               |                  |      |                |      |
| A. Cash  |               |                  |      | 3,990,781,822  | 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  | n (at market) |                  |      | 1,062,874,819  | 7090 |
| 8. Margins on deposit with derivatives clearing organizations of contract market   | ts            |                  |      |                |      |
| A. Cash  |               |                  | \$   | 6,409,663,341  | 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  | n (at market) |                  |      | 4,408,517,062  | 7120 |
| 9. Net settlement from (to) derivatives clearing organizations of contract market  | ts            |                  |      | (6,122,348)    | 7130 |
| 10. Exchange traded options  |               |                  |      |                |      |
| A. Value of open long option contracts   |               |                  |      | 440,296,369    | 7132 |
| B. Value of open short option contracts  |               |                  | (    | 613,277,800    | 7133 |
| 11. Net equities with other FCMs   |               |                  |      |                |      |
| A. Net liquidating equity  |               |                  |      | 5,793,867      | 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  | n (at market) |                  |      | 0              | 7170 |
| 12. Segregated funds on hand (describe:  |               |                  | _) . | 0              | 7150 |
| 13. Total amount in segregation (add lines 7 through 12)   |               |                  |      | 15,698,527,132 | 7180 |
| 14. Excess (deficiency) funds in segregation (subtract line 6 from line 13)  |               |                  | \$   | 345,307,300    | 7190 |
| 15. Management Target Amount for Excess funds in segregation   |               |                  | \$   | 280,000,000    | 7194 |
| 16. Excess (deficiency) funds in segregation over (under) Management Target A  | Amount Excess |                  | \$   | 65,307,300     | 7198 |

| BROKER OR DEALER         |       |          |
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|                          | as of | 05/31/18 |
| 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   | \$<br><u>0</u> 7210 |                   |
| B. Securities (at market)                         | <br>0 7220          |                   |
| C. Total  |                     | <sub>0</sub> 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 _ | 05/31/18 |

## 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        | \$       | <sub>0</sub> 7305                        |
| Net ledger balance - Foreign Futures and Foreign Option Trading - All Custo  | omers             | <b>c</b> | 7045                                     |
| A. Cash  B. Securities (at market)   |                   | \$<br>   | 3,591,027,329 7315<br>1,996,956,244 7317 |
| 2. Net unrealized profit (loss) in open futures contracts traded on a foreign boa  | ard of trade      |          | (105,071,291) 7325                       |
| 3. Exchange traded options   |                   |          |  |
| A. Market value of open option contracts purchased on a foreign board of tra   |                   |          | 30,608,702 7335                          |
| B. Market value of open contracts granted (sold) on a foreign board of trade   |                   |          | (26,853,192) [7337]                      |
| 4. Net equity (deficit) (add lines 1. 2. and 3.)   |                   | \$       | 5,486,667,792 7345                       |
| 5. Accounts liquidating to a deficit and accounts with   |                   |          |  |
| debit balances - gross amount  | \$ 23,332,123     | 7351     |  |
| Less: amount offset by customer owned securities   | ((21,477,768)     | 7352     | 1,854,355 7354                           |
| 6. Amount required to be set aside as the secured amount - Net Liquidating Equity Method (add lines 4 and 5)                                       |                   | \$       | 5,488,522,147 7355                       |
| 7. Greater of amount required to be set aside pursuant to foreign jurisdiction (a  | above) or line 6. | \$       | 5,488,522,147 7360                       |

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| MORGAN STANLEY & CO. LLC | as of | 05/31/18 |

## 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                                     | \$           | 728,843,878 7500                              |                    |
| B. Other banks qualified under Regulation 30.7                            |              | <u>, , , , , , , , , , , , , , , , , , , </u> |                    |
| Name(s): 0 7510   |              | 850,898,169 7520                              | 1,579,742,047 7530 |
| 2. Securities   |              | <u>, , , , , , , , , , , , , , , , , , , </u> |                    |
| A. In safekeeping with banks located in the United States                 | \$           | 70,399,583 7540                               |                    |
| B. In safekeeping with other banks qualified under Regulation 30.7        |              |   |                    |
| Name(s): <u>0</u> 7550  |              | 0 7560  | 70,399,583 7570    |
| 3. Equities with registered futures commission merchants                  |              |   |                    |
| A. Cash   | \$           | 6,041,338 7580                                |                    |
| B. Securities   |              | 0 7590  |                    |
| C. Unrealized gain (loss) on open futures contracts                       |              | 143,138 7600                                  |                    |
| D. Value of long option contracts   |              | 0 7610  |                    |
| E. Value of short option contracts  | (            | 0) 7615                                       | 6,184,476 7620     |
| 4. Amounts held by clearing organizations of foreign boards of trade      |              |   |                    |
| Name(s): <u>0</u> 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   |              | <sub>0</sub> 7670                             |                    |
| E. Value of short option contracts  | (            | <sub>0</sub> ) 7675                           | 0 7680             |
| 5. Amounts held by members of foreign boards of trade                     |              |   |                    |
| Name(s): 0 7690   |              |   |                    |
| A. Cash   | \$           | 2,200,355,765 7700                            |                    |
| B. Securities   |              | 1,926,556,661 7710                            |                    |
| C. Unrealized gain (loss) on open futures contracts                       |              | (105,216,883) 7720                            |                    |
| D. Value of long option contracts   |              | 30,608,702 7730                               |                    |
| E. Value of short option contracts  | (            | (26,853,191) 7735                             | 4,025,451,054 7740 |
| 6. Amounts with other depositories designated by a foreign board of trade |              |   |                    |
| Name(s): 0 7750   |              |   | 0 7760             |
| 7. Segregated funds on hand (describe:                                    | )            |   | 0 7765             |
| B. Total funds in separate section 30.7 accounts                          |              | 9   | 5,681,777,160 7770 |
| 9. Excess (deficiency) set Aside Funds for Secured Amount (subtract Line  | 7 Secured    |   |                    |
| Statement page 15 from Line 8)  |              | \$  | 193,255,013 7380   |
| 10. Management Target Amount for Excess funds in separate section 30.7    | accounts     | \$  | 140,000,000 7780   |
| 11. Excess (deficiency) funds in separate 30.7 accounts over (under) Mana | agement Targ | et \$   | 53,255,013 7785    |
|   |              |   |                    |

| BROKER OR DEALER         |       |          |
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| MORGAN STANLEY & CO. LLC | as of | 05/31/18 |

## 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   |                              | \$ | 7,333,808,240 8500  |
| B. Securities (at market)   |                              |    | 6,138,611,917       |
| 2. Net unrealized profit (loss) in open cleared swaps                             |                              |    | 3,278,941,392 8520  |
| 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)             |                              | (  | <u>0</u> ) 8540     |
| 4. Net equity (deficit) (add lines 1, 2, and 3)                                   |                              | \$ | 16,751,361,549 8550 |
| 5. Accounts liquidating to a deficit and accounts with                            |                              |    |                     |
| debit balances - gross amount   | \$ 88,977,928 8560           |    |                     |
| Less: amount offset by customer owned securities                                  | (81,659,296)[8570]           |    | 7,318,632 8580      |
| 6. Amount required to be segregated for cleared swaps customers (add lines 4      | and 5)                       | \$ | 16,758,680,181      |
| Funds in Cleared Swaps Customer Segregated Accounts                               |                              |    |                     |
| 7. Deposited in cleared swaps customer segregated accounts at banks               |                              |    |                     |
| A. Cash   |                              | \$ | 2,621,772,215 8600  |
| B. Securities representing investments of cleared swaps customers' funds (a       | it market)                   |    | 0 8610              |
| C. Securities held for particular cleared swaps customers in lieu of cash (at r   | narket)                      |    | 257,344,951         |
| 8. Margins on deposit with derivatives clearing organizations in cleared swaps of | customer segregated accounts |    |                     |
| A. Cash   |                              |    | 8,266,038,679 8630  |
| B. Securities representing investments of cleared swaps customers' funds (a       | t market)                    |    | 0 8640              |
| C. Securities held for particular cleared swaps customers in lieu of cash (at r   | narket)                      |    | 5,881,266,966 8650  |
| 9. Net settlement from (to) derivatives clearing organizations                    |                              |    | (47,149,494) 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 (a       | t market)                    |    | 0 8700              |
| C. Securities held for particular cleared swaps customers in lieu of cash (at r   | narket)                      |    | <u>0</u> 8710       |
| 12. Cleared swaps customer funds on hand (describe:                               | )                            |    | <sub>0</sub> 8715   |
| 13. Total amount in cleared swaps customer segregation (add lines 7 through 1     | 2)                           | \$ | 16,979,273,317      |
| 14. Excess (deficiency) funds in cleared swaps customer segregation (subtract     | line 6 from line 13)         | \$ | 220,593,136 8730    |
| 15. Management Target Amount for Excess funds in cleared swaps segregated         | accounts                     | \$ | 92,000,000 8760     |
| 16. Excess (deficiency) funds in cleared swaps customer segregated accounts       | over                         |    |                     |
| (under) Management Target Excess  |                              | \$ | 128,593,136 8770    |