BROKER OR DEALER

MORGAN STANLEY & CO. LLC

09/30/21

as of

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		\$	18,580,418,918	7010
B. Securities (at market)			7,824,548,994	
2. Net unrealized profit (loss) in open futures contracts traded on a contract	t market		(1,853,182,562)	7030
3. Exchange traded options			, <u> </u>	
A. Add market value of open option contracts purchased on a contract m	arket		1,873,242,813	7032
B. Deduct market value of open option contracts granted (sold) on a cont	tract market	(1,502,617,893) 7033
4. Net equity (deficit) (add lines 1, 2, and 3)			24,922,410,270	7040
5. Accounts liquidating to a deficit and accounts with debit balances				
- gross amount		521,430,995 7045		
Less: amount offset by customer owned securities	(520,763,534) 7047	667,461	7050
6. Amount required to be segregated (add lines 4 and 5)		\$		7060
FUNDS IN SEGREGATED ACCOUNTS				
7. Deposited in segregated funds bank accounts				
A. Cash			2,034,012,112	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)		3,263,733,296	7090
8. Margins on deposit with derivatives clearing organizations of contract ma	arkets			
A. Cash		\$	15,324,889,609	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)		4,412,620,389	7120
9. Net settlement from (to) derivatives clearing organizations of contract ma	arkets		(250,988,819)	7130
10. Exchange traded options				
A. Value of open long option contracts			1,873,242,813	7132
B. Value of open short option contracts			(1,502,617,893) 7133
11. Net equities with other FCMs				
A. Net liquidating equity			10,755,665	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:)	148,195,309	7150
13. Total amount in segregation (add lines 7 through 12)			25,313,842,481	7180
14. Excess (deficiency) funds in segregation (subtract line 6 from line 13)		\$	390,764,750	7190
15. Management Target Amount for Excess funds in segregation		\$	235,000,000	7194
16. Excess (deficiency) funds in segregation over (under) Management Tar	get Amount Excess	\$	155,764,750	7198

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	EGATION REQUIREMENTS A STOMERS' DEALER OPTION		GATION
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

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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
1. Net ledger balance - Foreign Futures and Foreign Option Trading - All Customers			
A. Cash	\$	5,431,600,055	7315
B. Securities (at market)		1,950,063,726	7317
2. Net unrealized profit (loss) in open futures contracts traded on a foreign board of trade		73,738,395	7325
3. Exchange traded options			
A. Market value of open option contracts purchased on a foreign board of trade		46,498,182	7335
B. Market value of open contracts granted (sold) on a foreign board of trade		(19,696,891)	7337
4. Net equity (deficit) (add lines 1. 2. and 3.)	\$	7,482,203,467	7345
5. Accounts liquidating to a deficit and accounts with			
debit balances - gross amount \$65,011,507 735	1		
Less: amount offset by customer owned securities (59,653,702)	2	5,357,805	7354
6. Amount required to be set aside as the secured amount - Net Liquidating Equity Method (add lines 4 and 5)	\$	7,487,561,272	7355
7. Greater of amount required to be set aside pursuant to foreign jurisdiction (above) or line 6.	\$	7,487,561,272	7360

BROKER OR DEALER

MORGAN STANLEY & CO. LLC

as of 09/30/21

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		\$	503,716,438	7500	
B. Other banks qualified under Regulation 30.7					
Name(s):	7510		321,335,960	7520 \$	825,052,398 7530
2. Securities					
A. In safekeeping with banks located in the United States		\$	510,466,399	7540	
B. In safekeeping with other banks qualified under Regulation 3	0.7				
Name(s):	7550		59,785,642	7560	570,252,041 7570
3. Equities with registered futures commission merchants					
A. Cash		\$	12,649,601	7580	
B. Securities			0	7590	
C. Unrealized gain (loss) on open futures contracts			(442,149)	7600	
D. Value of long option contracts			0	7610	
E. Value of short option contracts		(<u> </u>	7615	12,207,452 7620
4. Amounts held by clearing organizations of foreign boards of trac	de				
Name(s):	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			0	7670	
E. Value of short option contracts		(<u>o</u>)	7675	0 7680
5. Amounts held by members of foreign boards of trade Name(s):	7690				
A. Cash		\$	4,812,998,117	7700	
B. Securities			1,379,811,685	7710	
C. Unrealized gain (loss) on open futures contracts			74,180,544	7720	
D. Value of long option contracts			46,498,182		
E. Value of short option contracts		((19,696,891)		6,293,791,637 7740
 Amounts with other depositories designated by a foreign board Name(s): 	of trade 7750			_	0 7760
7. Segregated funds on hand (describe:				-	0 7765
8. Total funds in separate section 30.7 accounts		,		\$	7,701,303,528 7770
9. Excess (deficiency) set Aside Funds for Secured Amount (subtr Statement page 15 from Line 8)	act Line 7	Secured		\$	213,742,256 7380
	· · · · 00 7			-	
10. Management Target Amount for Excess funds in separate sect	ion 30.7 a	ccounts		\$_	140,000,000 7780
11. Excess (deficiency) funds in separate 30.7 accounts over (und	er) Manag	ement Target		\$_	73,742,256 7785

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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		\$	14,872,979,811 8500
B. Securities (at market)			10,285,286,612 8510
2. Net unrealized profit (loss) in open cleared swaps			379,132,940 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)		\$	25,537,399,363 8550
5. Accounts liquidating to a deficit and accounts with			
debit balances - gross amount	\$54,047,572 8560		
Less: amount offset by customer owned securities	(52,522,242) 8570		1,525,330 8580
6. Amount required to be segregated for cleared swaps customers (add lin	nes 4 and 5)	\$	25,538,924,693 8590
Funds in Cleared Swaps Customer Segregated Accounts			
7. Deposited in cleared swaps customer segregated accounts at banks			
A. Cash		\$	3,527,618,064 8600
B. Securities representing investments of cleared swaps customers' fun	ids (at market)		0 8610
C. Securities held for particular cleared swaps customers in lieu of cash	n (at market)		6,759,157 8620
8. Margins on deposit with derivatives clearing organizations in cleared sw	vaps customer segregated accounts		
A. Cash			12,055,807,061 8630
B. Securities representing investments of cleared swaps customers' fun	ids (at market)		0 8640
C. Securities held for particular cleared swaps customers in lieu of cash	n (at market)		10,278,527,455 8650
9. Net settlement from (to) derivatives clearing organizations			(65,804,688) 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		(<u>0</u>)8680
11. Net equities with other FCMs			
A. Net liquidating equity			0 8690
B. Securities representing investments of cleared swaps customers' fun	ids (at market)		0 8700
C. Securities held for particular cleared swaps customers in lieu of cash	n (at 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 the second s	ugh 12)	\$	25,802,907,049 8720
14. Excess (deficiency) funds in cleared swaps customer segregation (sub	ptract line 6 from line 13)	\$	263,982,356 8730
15. Management Target Amount for Excess funds in cleared swaps segree	gated accounts	\$	92,000,000 8760
16. Excess (deficiency) funds in cleared swaps customer segregated acco	ounts over		
(under) Management Target Excess		\$	171,982,356 8770