20-379

TO:	Clearing Member Firms Chief Financial Officers Back Office Managers Margin Managers
FROM:	CME Clearing
SUBJECT:	Performance Bond Requirements
DATE:	Thursday, October 1, 2020

To receive advanced notification of Performance Bond (margin) changes, through our free automated mailing list, go to

http://www.cmegroup.com/newsletter/web2lead/web2sf-old.html

and subscribe to the Performance Bond Rates Advisory Notice listserver.

As per the normal review of market volatility to ensure adequate collateral coverage, the Chicago Mercantile Exchange Inc., Clearing House Risk Management staff approved the performance bond requirements for the following products listed below. Please email any questions to Clearing.RiskManagement@cmegroup.com

The rates will be effective after the close of business on

Friday, October 2, 2020.

Current rates as of:

Thursday, October 1, 2020.

In this current advisory there are changes to the Short Option Minimum and/or the Volatility Scan Range. Below are descriptions of what each change affects:

The Short Option Minimum (SOM) is a charge that is applied only to portfolios concentrated in short options that do not generate a minimum margin requirement level when margins are calculated using the normal 16 SPAN scenarios. The SOM charge per short calls or short puts is a percentage of the outright margin on one underlying futures contract.

The volatility scan range is the change in implied volatility that is used in each of SPAN's 16 scenarios.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
			AGRICULTURE - Outright Rates					
AUSTRALIAN WHEAT FUTURES (AUW)								
AUW	Spec		Increase	USD	506	460	616	560
AUW	Hedge/Member		Increase	USD	460	460	560	560
BLACK SEA WHEAT FIN STL PLATTS FUT (BWF)								
BWF	Spec		Increase	USD	385	350	429	390
BWF	Hedge/Member		Increase	USD	350	350	390	390
UREA (GRANULAR) CFR BRAZIL FUTURES (UFB)								
UFB	Spec	Months 1-6	Increase	USD	1,540	1,400	1,760	1,600
UFB	Hedge/Member	Months 1-6	Increase	USD	1,400	1,400	1,600	1,600
UFB	Spec	Months 7+	Decrease	USD	1,980	1,800	1,760	1,600
UFB	Hedge/Member	Months 7+	Decrease	USD	1,800	1,800	1,600	1,600
UREA (GRANULAR) FOB EGYPT FUTURES (UFE)								
UFE	Spec		Decrease	USD	3,850	3,500	3,520	3,200
UFE	Hedge/Member		Decrease	USD	3,500	3,500	3,200	3,200
UREA (GRANULAR) FOB MIDDLE EAST FUT (UME)								
UME	Spec	Month 1	Increase	USD	1,540	1,400	1,650	1,500
UME	Hedge/Member	Month 1	Increase	USD	1,400	1,400	1,500	1,500
UME	Spec	Months 2+	Decrease	USD	1,980	1,800	1,650	1,500
UME	Hedge/Member	Months 2+	Decrease	USD	1,800	1,800	1,500	1,500
UREA (GRANULAR) FOB US GULF FUTURES (UFV)								
UFV	Spec	Months 1-6	Increase	USD	1,540	1,400	1,650	1,500
UFV	Hedge/Member	Months 1-6	Increase	USD	1,400	1,400	1,500	1,500
UFV	Spec	Months 7+	Decrease	USD	1,980	1,800	1,650	1,500
UFV	Hedge/Member	Months 7+	Decrease	USD	1,800	1,800	1,500	1,500
			EQUITY INDEX - Outright Rates					
NASDAQ-100 VOL INDEX FUT (VLQ)								
VLQ	Spec	Short Rate	New	USD			19,140	17,400
VLQ	Hedge/Member	Short Rate	New	USD			17,400	17,400
VLQ	Spec	Long Rate	New	USD			10,340	9,400
VLQ	Hedge/Member	Long Rate	New	USD			9,400	9,400
			ETHANOL - Outright Rates					
METHANOL T2 FOB RDAM (ICIS) FUTURES (MT2)								
MT2	Spec	Mnth 1	Decrease	EUR	2,090	1,900	1,980	1,800
MT2	Hedge/Member	Mnth 1	Decrease	EUR	1,900	1,900	1,800	1,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
			FREIGHT - Outright Rates					
FREIGHT ROUTE TC12 (BALTIC) FUT (FRS)								
FRS	Spec	Month 1	Increase	USD	13,200	12,000	14,300	13,000
FRS	Hedge/Member	Month 1	Increase	USD	12,000	12,000	13,000	13,000
FRS	Spec	Month 2	Increase	USD	6,600	6,000	8,800	8,000
FRS	Hedge/Member	Month 2	Increase	USD	6,000	6,000	8,000	8,000
FRS	Spec	Month 3+	Increase	USD	5,500	5,000	7,700	7,000
FRS	Hedge/Member	Month 3+	Increase	USD	5,000	5,000	7,000	7,000
FREIGHT ROUTE TC17 (BALTIC) FUTURES (T7C)								
T7C	Spec	Mnths 1	Decrease	USD	16,500	15,000	14,300	13,000
T7C	Hedge/Member	Mnths 1	Decrease	USD	15,000	15,000	13,000	13,000
T7C	Spec	Mnths 2	Decrease	USD	14,300	13,000	12,100	11,000
T7C	Hedge/Member	Mnths 2	Decrease	USD	13,000	13,000	11,000	11,000
T7C	Spec	Mnths 3	Decrease	USD	13,200	12,000	11,000	10,000
T7C	Hedge/Member	Mnths 3	Decrease	USD	12,000	12,000	10,000	10,000
T7C	Spec	Mnths 4-9	Decrease	USD	13,200	12,000	11,000	10,000
T7C	Hedge/Member	Mnths 4-9	Decrease	USD	12,000	12,000	10,000	10,000
T7C	Spec	Mnths 10+	Decrease	USD	13,200	12,000	11,000	10,000
T7C	Hedge/Member	Mnths 10+	Decrease	USD	12,000	12,000	10,000	10,000
FREIGHT ROUTE TC9 (BALTIC) FUTURES (TC9)								
TC9	Spec	Months 6+	Decrease	USD	2,200	2,000	1,925	1,750
TC9	Hedge/Member	Months 6+	Decrease	USD	2,000	2,000	1,750	1,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
INTEREST RATES - Outright Rates								
10-YEAR ERIS SOFR SWAP FUTURES (YIY)								
YIY	Spec		New	USD			1,815	1,650
YIY	Hedge/Member		New	USD			1,650	1,650
10-YEAR SOFR MAC SWAP FUTURES (N1S)								
N1S	Spec		New	USD			1,815	1,650
N1S	Hedge/Member		New	USD			1,650	1,650
12-YEAR ERIS SOFR SWAP FUTURES (YII)								
YII	Spec		New	USD			2,420	2,200
YII	Hedge/Member		New	USD			2,200	2,200
15-YEAR ERIS SOFR SWAP FUTURES (YIL)								
YIL	Spec		New	USD			3,300	3,000
YIL	Hedge/Member		New	USD			3,000	3,000
1-YEAR ERIS SOFR SWAP FUTURES (YIA)								
YIA	Spec		New	USD			330	300
YIA	Hedge/Member		New	USD			300	300
20-YEAR ERIS SOFR SWAP FUTURES (YIO)								
YIO	Spec		New	USD			4,400	4,000
YIO	Hedge/Member		New	USD			4,000	4,000
20-YEAR SOFR MAC SWAP FUTURES (E1S)								
E1S	Spec		New	USD			4,400	4,000
E1S	Hedge/Member		New	USD			4,000	4,000
2-YEAR ERIS SOFR SWAP FUTURES (YIT)								
YIT	Spec		New	USD			358	325
YIT	Hedge/Member		New	USD			325	325
2-YEAR SOFR MAC SWAP FUTURES (T1S)								
T1S	Spec		New	USD			358	325
T1S	Hedge/Member		New	USD			325	325
30-YEAR ERIS SOFR SWAP FUTURES (YIE)								
YIE	Spec		New	USD			7,700	7,000
YIE	Hedge/Member		New	USD			7,000	7,000
30-YEAR SOFR MAC SWAP FUTURES (B1S)								
B1S	Spec		New	USD			7,700	7,000
B1S	Hedge/Member		New	USD			7,000	7,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
3-YEAR ERIS SOFR SWAP FUTURES (YIC)								
YIC	Spec		New	USD			495	450
YIC	Hedge/Member		New	USD			450	450
4-YEAR ERIS SOFR SWAP FUTURES (YID)								
YID	Spec		New	USD			633	575
YID	Hedge/Member		New	USD			575	575
5-YEAR ERIS SOFR SWAP FUTURES (YIW)								
YIW	Spec		New	USD			825	750
YIW	Hedge/Member		New	USD			750	750
5-YEAR SOFR MAC SWAP FUTURES (F1S)								
F1S	Spec		New	USD			825	750
F1S	Hedge/Member		New	USD			750	750
7-YEAR ERIS SOFR SWAP FUTURES (YIB)								
YIB	Spec		New	USD			1,210	1,100
YIB	Hedge/Member		New	USD			1,100	1,100
7-YEAR SOFR MAC SWAP FUTURES (S1S)								
S1S	Spec		New	USD			1,210	1,100
S1S	Hedge/Member		New	USD			1,100	1,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
METALS - Outright Rates								
ALUMINA FOB AUSTRALIA PLATT FUTURES (ALA)								
ALA	Spec	Mths 1-4	Decrease	USD	3,575	3,250	3,025	2,750
ALA	Hedge/Member	Mths 1-4	Decrease	USD	3,250	3,250	2,750	2,750
ALA	Spec	Mths 3+	Decrease	USD	3,575	3,250	3,025	2,750
ALA	Hedge/Member	Mths 3+	Decrease	USD	3,250	3,250	2,750	2,750
ALUMINIUM EURO PREM DUTY-PAID FUT (EDP)								
EDP	Spec	Mths 2-9	Decrease	USD	715	650	605	550
EDP	Hedge/Member	Mths 2-9	Decrease	USD	650	650	550	550
EDP	Spec	Mths 10+	Decrease	USD	715	650	605	550
EDP	Hedge/Member	Mths 10+	Decrease	USD	650	650	550	550
ALUMINUM MW TRANS PREM PLATTS FUT (AUP)								
AUP	Spec	Mths 2-12	Decrease	USD	1,210	1,100	1,100	1,000
AUP	Hedge/Member	Mths 2-12	Decrease	USD	1,100	1,100	1,000	1,000
COMEX 100 GOLD FUTURES (GC)								
GC	Spec	Mnth1	Increase	USD	10,230	9,300	11,550	10,500
GC	Hedge/Member	Mnth1	Increase	USD	9,300	9,300	10,500	10,500
GC	Spec	Mnth2	Increase	USD	10,230	9,300	11,550	10,500
GC	Hedge/Member	Mnth2	Increase	USD	9,300	9,300	10,500	10,500
GC	Spec	Mnth3	Increase	USD	10,230	9,300	11,550	10,500
GC	Hedge/Member	Mnth3	Increase	USD	9,300	9,300	10,500	10,500
GC	Spec	Mnth4	Increase	USD	10,230	9,300	11,550	10,500
GC	Hedge/Member	Mnth4	Increase	USD	9,300	9,300	10,500	10,500
GC	Spec	Mnth5	Increase	USD	10,230	9,300	11,550	10,500
GC	Hedge/Member	Mnth5	Increase	USD	9,300	9,300	10,500	10,500
GC	Spec	Mnth6	Increase	USD	10,230	9,300	11,550	10,500
GC	Hedge/Member	Mnth6	Increase	USD	9,300	9,300	10,500	10,500
GC	Spec	Mnth7	Increase	USD	10,230	9,300	11,550	10,500
GC	Hedge/Member	Mnth7	Increase	USD	9,300	9,300	10,500	10,500
GC	Spec	Mnth8+	Increase	USD	10,230	9,300	11,550	10,500
GC	Hedge/Member	Mnth8+	Increase	USD	9,300	9,300	10,500	10,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
COMEX 100 GOLD TRADE AT SETTLEMENT (GCT)								
GCT	Spec	Mnth1	Increase	USD	10,230	9,300	11,550	10,500
GCT	Hedge/Member	Mnth1	Increase	USD	9,300	9,300	10,500	10,500
GCT	Spec	Mnth2	Increase	USD	10,230	9,300	11,550	10,500
GCT	Hedge/Member	Mnth2	Increase	USD	9,300	9,300	10,500	10,500
GCT	Spec	Mnth3	Increase	USD	10,230	9,300	11,550	10,500
GCT	Hedge/Member	Mnth3	Increase	USD	9,300	9,300	10,500	10,500
GCT	Spec	Mnth4	Increase	USD	10,230	9,300	11,550	10,500
GCT	Hedge/Member	Mnth4	Increase	USD	9,300	9,300	10,500	10,500
GCT	Spec	Mnth5	Increase	USD	10,230	9,300	11,550	10,500
GCT	Hedge/Member	Mnth5	Increase	USD	9,300	9,300	10,500	10,500
GCT	Spec	Mnth6	Increase	USD	10,230	9,300	11,550	10,500
GCT	Hedge/Member	Mnth6	Increase	USD	9,300	9,300	10,500	10,500
GCT	Spec	Mnth7	Increase	USD	10,230	9,300	11,550	10,500
GCT	Hedge/Member	Mnth7	Increase	USD	9,300	9,300	10,500	10,500
GCT	Spec	Mnth8+	Increase	USD	10,230	9,300	11,550	10,500
GCT	Hedge/Member	Mnth8+	Increase	USD	9,300	9,300	10,500	10,500
E-MINI GOLD FUTURES (QO)								
QO	Spec	Mnth1	Increase	USD	5,115	4,650	5,775	5,250
QO	Hedge/Member	Mnth1	Increase	USD	4,650	4,650	5,250	5,250
QO	Spec	Mnth2	Increase	USD	5,115	4,650	5,775	5,250
QO	Hedge/Member	Mnth2	Increase	USD	4,650	4,650	5,250	5,250
QO	Spec	Mnth3	Increase	USD	5,115	4,650	5,775	5,250
QO	Hedge/Member	Mnth3	Increase	USD	4,650	4,650	5,250	5,250
QO	Spec	Mnth4	Increase	USD	5,115	4,650	5,775	5,250
QO	Hedge/Member	Mnth4	Increase	USD	4,650	4,650	5,250	5,250
QO	Spec	Mnth5	Increase	USD	5,115	4,650	5,775	5,250
QO	Hedge/Member	Mnth5	Increase	USD	4,650	4,650	5,250	5,250
QO	Spec	Mnth6	Increase	USD	5,115	4,650	5,775	5,250
QO	Hedge/Member	Mnth6	Increase	USD	4,650	4,650	5,250	5,250
QO	Spec	Mnth7	Increase	USD	5,115	4,650	5,775	5,250
QO	Hedge/Member	Mnth7	Increase	USD	4,650	4,650	5,250	5,250
QO	Spec	Mnth8+	Increase	USD	5,115	4,650	5,775	5,250
QO	Hedge/Member	Mnth8+	Increase	USD	4,650	4,650	5,250	5,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GOLD (ENHANCED DELIVERY) FUTURES (4GC)								
4GC	Spec	Mnth1	Increase	USD	10,230	9,300	11,550	10,500
4GC	Hedge/Member	Mnth1	Increase	USD	9,300	9,300	10,500	10,500
4GC	Spec	Mnth2	Increase	USD	10,230	9,300	11,550	10,500
4GC	Hedge/Member	Mnth2	Increase	USD	9,300	9,300	10,500	10,500
4GC	Spec	Mnth3	Increase	USD	10,230	9,300	11,550	10,500
4GC	Hedge/Member	Mnth3	Increase	USD	9,300	9,300	10,500	10,500
4GC	Spec	Mnth4	Increase	USD	10,230	9,300	11,550	10,500
4GC	Hedge/Member	Mnth4	Increase	USD	9,300	9,300	10,500	10,500
4GC	Spec	Mnth5	Increase	USD	10,230	9,300	11,550	10,500
4GC	Hedge/Member	Mnth5	Increase	USD	9,300	9,300	10,500	10,500
4GC	Spec	Mnth6	Increase	USD	10,230	9,300	11,550	10,500
4GC	Hedge/Member	Mnth6	Increase	USD	9,300	9,300	10,500	10,500
4GC	Spec	Mnth7	Increase	USD	10,230	9,300	11,550	10,500
4GC	Hedge/Member	Mnth7	Increase	USD	9,300	9,300	10,500	10,500
4GC	Spec	Mnth8+	Increase	USD	10,230	9,300	11,550	10,500
4GC	Hedge/Member	Mnth8+	Increase	USD	9,300	9,300	10,500	10,500
GOLD KILO FUTURES (GCK)								
GCK	Spec	Mnth1	Increase	USD	2,310	2,100	2,750	2,500
GCK	Hedge/Member	Mnth1	Increase	USD	2,100	2,100	2,500	2,500
GCK	Spec	Mnth2	Increase	USD	2,310	2,100	2,750	2,500
GCK	Hedge/Member	Mnth2	Increase	USD	2,100	2,100	2,500	2,500
GCK	Spec	Mnth3	Increase	USD	2,310	2,100	2,750	2,500
GCK	Hedge/Member	Mnth3	Increase	USD	2,100	2,100	2,500	2,500
GCK	Spec	Mnth4	Increase	USD	2,310	2,100	2,750	2,500
GCK	Hedge/Member	Mnth4	Increase	USD	2,100	2,100	2,500	2,500
GCK	Spec	Mnth5	Increase	USD	2,310	2,100	2,750	2,500
GCK	Hedge/Member	Mnth5	Increase	USD	2,100	2,100	2,500	2,500
GCK	Spec	Mnth6	Increase	USD	2,310	2,100	2,750	2,500
GCK	Hedge/Member	Mnth6	Increase	USD	2,100	2,100	2,500	2,500
GCK	Spec	Mnth7	Increase	USD	2,310	2,100	2,750	2,500
GCK	Hedge/Member	Mnth7	Increase	USD	2,100	2,100	2,500	2,500
GCK	Spec	Mnth8+	Increase	USD	2,310	2,100	2,750	2,500
GCK	Hedge/Member	Mnth8+	Increase	USD	2,100	2,100	2,500	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GOLD LONDON TAM FIRST PM (GCD)								
GCD	Spec	Mnth1	Increase	USD	10,230	9,300	11,550	10,500
GCD	Hedge/Member	Mnth1	Increase	USD	9,300	9,300	10,500	10,500
GCD	Spec	Mnth2	Increase	USD	10,230	9,300	11,550	10,500
GCD	Hedge/Member	Mnth2	Increase	USD	9,300	9,300	10,500	10,500
GCD	Spec	Mnth3	Increase	USD	10,230	9,300	11,550	10,500
GCD	Hedge/Member	Mnth3	Increase	USD	9,300	9,300	10,500	10,500
GCD	Spec	Mnth4	Increase	USD	10,230	9,300	11,550	10,500
GCD	Hedge/Member	Mnth4	Increase	USD	9,300	9,300	10,500	10,500
GCD	Spec	Mnth5	Increase	USD	10,230	9,300	11,550	10,500
GCD	Hedge/Member	Mnth5	Increase	USD	9,300	9,300	10,500	10,500
GCD	Spec	Mnth6	Increase	USD	10,230	9,300	11,550	10,500
GCD	Hedge/Member	Mnth6	Increase	USD	9,300	9,300	10,500	10,500
GCD	Spec	Mnth7	Increase	USD	10,230	9,300	11,550	10,500
GCD	Hedge/Member	Mnth7	Increase	USD	9,300	9,300	10,500	10,500
GCD	Spec	Mnth8+	Increase	USD	10,230	9,300	11,550	10,500
GCD	Hedge/Member	Mnth8+	Increase	USD	9,300	9,300	10,500	10,500
GOLD/PLATINUM SPREAD FUTURE (GPS)								
GPS	Spec	Mnth1	Increase	USD	9,515	8,650	10,175	9,250
GPS	Hedge/Member	Mnth1	Increase	USD	8,650	8,650	9,250	9,250
GPS	Spec	Mnth2	Increase	USD	9,515	8,650	10,175	9,250
GPS	Hedge/Member	Mnth2	Increase	USD	8,650	8,650	9,250	9,250
GOLD/SILVER RATIO FUTURES (GSR)								
GSR	Spec	Mnth1	Increase	USD	9,922	9,020	11,220	10,200
GSR	Hedge/Member	Mnth1	Increase	USD	9,020	9,020	10,200	10,200
GSR	Spec	Mnth2	Increase	USD	9,922	9,020	11,220	10,200
GSR	Hedge/Member	Mnth2	Increase	USD	9,020	9,020	10,200	10,200
LONDON SPOT GOLD FUTURES (GSP)								
GSP	Spec	All Contracts	Increase	USD	9,570	8,700	11,000	10,000
GSP	Hedge/Member	All Contracts	Increase	USD	8,700	8,700	10,000	10,000
LONDON SPOT SILVER FUTURES (SSP)								
SSP	Spec	All Contracts	Increase	USD	10,450	9,500	12,100	11,000
SSP	Hedge/Member	All Contracts	Increase	USD	9,500	9,500	11,000	11,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MICRO GOLD FUTURES (MGC)								
MGC	Spec	Mnth1	Increase	USD	1,023	930	1,155	1,050
MGC	Hedge/Member	Mnth1	Increase	USD	930	930	1,050	1,050
MGC	Spec	Mnth2	Increase	USD	1,023	930	1,155	1,050
MGC	Hedge/Member	Mnth2	Increase	USD	930	930	1,050	1,050
MGC	Spec	Mnth3	Increase	USD	1,023	930	1,155	1,050
MGC	Hedge/Member	Mnth3	Increase	USD	930	930	1,050	1,050
MGC	Spec	Mnth4	Increase	USD	1,023	930	1,155	1,050
MGC	Hedge/Member	Mnth4	Increase	USD	930	930	1,050	1,050
MGC	Spec	Mnth5	Increase	USD	1,023	930	1,155	1,050
MGC	Hedge/Member	Mnth5	Increase	USD	930	930	1,050	1,050
MGC	Spec	Mnth6	Increase	USD	1,023	930	1,155	1,050
MGC	Hedge/Member	Mnth6	Increase	USD	930	930	1,050	1,050
MGC	Spec	Mnth7	Increase	USD	1,023	930	1,155	1,050
MGC	Hedge/Member	Mnth7	Increase	USD	930	930	1,050	1,050
MGC	Spec	Mnth8+	Increase	USD	1,023	930	1,155	1,050
MGC	Hedge/Member	Mnth8+	Increase	USD	930	930	1,050	1,050
MICRO GOLD TAS (MGT)								
MGT	Spec	Mnth1	Increase	USD	1,023	930	1,155	1,050
MGT	Hedge/Member	Mnth1	Increase	USD	930	930	1,050	1,050
MGT	Spec	Mnth2	Increase	USD	1,023	930	1,155	1,050
MGT	Hedge/Member	Mnth2	Increase	USD	930	930	1,050	1,050
MGT	Spec	Mnth3	Increase	USD	1,023	930	1,155	1,050
MGT	Hedge/Member	Mnth3	Increase	USD	930	930	1,050	1,050
MGT	Spec	Mnth4	Increase	USD	1,023	930	1,155	1,050
MGT	Hedge/Member	Mnth4	Increase	USD	930	930	1,050	1,050
MGT	Spec	Mnth5	Increase	USD	1,023	930	1,155	1,050
MGT	Hedge/Member	Mnth5	Increase	USD	930	930	1,050	1,050
MGT	Spec	Mnth6	Increase	USD	1,023	930	1,155	1,050
MGT	Hedge/Member	Mnth6	Increase	USD	930	930	1,050	1,050
MGT	Spec	Mnth7	Increase	USD	1,023	930	1,155	1,050
MGT	Hedge/Member	Mnth7	Increase	USD	930	930	1,050	1,050
MGT	Spec	Mnth8+	Increase	USD	1,023	930	1,155	1,050
MGT	Hedge/Member	Mnth8+	Increase	USD	930	930	1,050	1,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MICRO PALLADIUM FUTURES (PAM)								
PAM	Spec	Mnth 1	Decrease	USD	3,740	3,400	3,300	3,000
PAM	Hedge/Member	Mnth 1	Decrease	USD	3,400	3,400	3,000	3,000
PAM	Spec	Mnth 2	Decrease	USD	3,575	3,250	3,135	2,850
PAM	Hedge/Member	Mnth 2	Decrease	USD	3,250	3,250	2,850	2,850
PAM	Spec	Mnth 3	Decrease	USD	3,520	3,200	3,080	2,800
PAM	Hedge/Member	Mnth 3	Decrease	USD	3,200	3,200	2,800	2,800
PAM	Spec	Mnth 4+	Decrease	USD	3,520	3,200	3,080	2,800
PAM	Hedge/Member	Mnth 4+	Decrease	USD	3,200	3,200	2,800	2,800
PALLADIUM FUTURES NYMEX (PA)								
PA	Spec	Mnth 1	Decrease	USD	37,400	34,000	33,000	30,000
PA	Hedge/Member	Mnth 1	Decrease	USD	34,000	34,000	30,000	30,000
PA	Spec	Mnth 2	Decrease	USD	35,750	32,500	31,350	28,500
PA	Hedge/Member	Mnth 2	Decrease	USD	32,500	32,500	28,500	28,500
PA	Spec	Mnth 3	Decrease	USD	35,200	32,000	30,800	28,000
PA	Hedge/Member	Mnth 3	Decrease	USD	32,000	32,000	28,000	28,000
PA	Spec	Mnth 4+	Decrease	USD	35,200	32,000	30,800	28,000
PA	Hedge/Member	Mnth 4+	Decrease	USD	32,000	32,000	28,000	28,000
PALLADIUM TAS (PAT)								
PAT	Spec	Mnth 1	Decrease	USD	37,400	34,000	33,000	30,000
PAT	Hedge/Member	Mnth 1	Decrease	USD	34,000	34,000	30,000	30,000
PAT	Spec	Mnth 2	Decrease	USD	35,750	32,500	31,350	28,500
PAT	Hedge/Member	Mnth 2	Decrease	USD	32,500	32,500	28,500	28,500
PAT	Spec	Mnth 3	Decrease	USD	35,200	32,000	30,800	28,000
PAT	Hedge/Member	Mnth 3	Decrease	USD	32,000	32,000	28,000	28,000
PAT	Spec	Mnth 4+	Decrease	USD	35,200	32,000	30,800	28,000
PAT	Hedge/Member	Mnth 4+	Decrease	USD	32,000	32,000	28,000	28,000
PLATINUM/PALLADIUM SPREAD FUTURES (PPS)								
PPS	Spec	Mnth 1	Increase	USD	17,600	16,000	20,900	19,000
PPS	Hedge/Member	Mnth 1	Increase	USD	16,000	16,000	19,000	19,000
PPS	Spec	Mnth 2+	Increase	USD	17,600	16,000	20,900	19,000
PPS	Hedge/Member	Mnth 2+	Increase	USD	16,000	16,000	19,000	19,000
SHANGHAI GOLD (CNH) FUTURES (SGC)								
SGC	Spec	Mths 1-3	Increase	CNH	24,200	22,000	26,400	24,000
SGC	Hedge/Member	Mths 1-3	Increase	CNH	22,000	22,000	24,000	24,000
SGC	Spec	Mths 4+	Increase	CNH	24,200	22,000	26,400	24,000
SGC	Hedge/Member	Mths 4+	Increase	CNH	22,000	22,000	24,000	24,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SHANGHAI GOLD (USD) FUTURES (SGU)								
SGU	Spec	Mths 1-3	Increase	USD	3,410	3,100	3,850	3,500
SGU	Hedge/Member	Mths 1-3	Increase	USD	3,100	3,100	3,500	3,500
SGU	Spec	Mths 4+	Increase	USD	3,410	3,100	3,850	3,500
SGU	Hedge/Member	Mths 4+	Increase	USD	3,100	3,100	3,500	3,500
NATURAL GAS - Outright Rates								
DOMINION BASIS FUT (PLATTS IFERC) (PG)								
PG	Spec	Mnth 1	Increase	USD	385	350	462	420
PG	Hedge/Member	Mnth 1	Increase	USD	350	350	420	420

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
AGRICULTURE - Intra Spreads								
UAN FOB FOB NOLA SWAP FUTURE - ALL MONTHS (UAN FOB NOLA SWAP)								
UFU	Spec		Decrease	USD	1,320	1,200	1,100	1,000
UFU	Hedge/Member		Decrease	USD	1,200	1,200	1,000	1,000
EQUITY INDEX - Intra Spreads								
(NASDAQ-100 VOL INDEX FUT) – All Months								
VLQ	Spec		New	USD			1,100	1,000
VLQ	Hedge/Member		New	USD			1,000	1,000
ETHANOL - Intra Spreads								
Mnth 1 vs 2+ (METHANOL T2 FOB RDAM (ICIS) FUTURES)								
MT2	Spec		Decrease	EUR	2,310	2,100	2,090	1,900
MT2	Hedge/Member		Decrease	EUR	2,100	2,100	1,900	1,900
FX - Intra Spreads								
Cross Rate Euro FX/Canadian Dollar (CC) - All Months (EC/CD CROSS RATE FUTURE)								
CC	Spec		Increase	CAD	165	150	220	200
CC	Hedge/Member		Increase	CAD	150	150	200	200
Mexican Peso (MP) - Months 13+ vs 13+ (MEXICAN PESO FUTURES)								
MP	Spec		Increase	USD	83	75	138	125
MP	Hedge/Member		Increase	USD	75	75	125	125
Mexican Peso (MP) - Months 1-6 (MEXICAN PESO FUTURES)								
MP	Spec		Increase	USD	66	60	110	100
MP	Hedge/Member		Increase	USD	60	60	100	100
Mexican Peso (MP) - Months 1-6 vs 7-12 (MEXICAN PESO FUTURES)								
MP	Spec		Increase	USD	138	125	198	180
MP	Hedge/Member		Increase	USD	125	125	180	180
Mexican Peso (MP) - Months 7-12 vs 13+ (MEXICAN PESO FUTURES)								
MP	Spec		Increase	USD	193	175	275	250
MP	Hedge/Member		Increase	USD	175	175	250	250
Mexican Peso (MP) - Months 7-12 vs 7-12 (MEXICAN PESO FUTURES)								
MP	Spec		Increase	USD	83	75	138	125
MP	Hedge/Member		Increase	USD	75	75	125	125
Swedish Krona Futures (SE) - All Months Consecutive Spreads (SKR/USD CROSS RATE FUTURES)								
SE	Spec		Increase	USD	330	300	440	400
SE	Hedge/Member		Increase	USD	300	300	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
INTEREST RATES - Intra Spreads								
1 YEAR ERIS SOFR (1-YEAR ERIS SOFR SWAP FUTURES)								
YIA	Spec		New	USD			110	100
YIA	Hedge/Member		New	USD			100	100
10 YEAR ERIS SOFR (10-YEAR ERIS SOFR SWAP FUTURES)								
YIY	Spec		New	USD			110	100
YIY	Hedge/Member		New	USD			100	100
10 YEAR MAC SOFR (10-YEAR SOFR MAC SWAP FUTURES)								
N1S	Spec		New	USD			110	100
N1S	Hedge/Member		New	USD			100	100
12 YEAR ERIS SOFR (12-YEAR ERIS SOFR SWAP FUTURES)								
YII	Spec		New	USD			110	100
YII	Hedge/Member		New	USD			100	100
15 YEAR ERIS SOFR (15-YEAR ERIS SOFR SWAP FUTURES)								
YIL	Spec		New	USD			110	100
YIL	Hedge/Member		New	USD			100	100
2 YEAR ERIS SOFR (2-YEAR ERIS SOFR SWAP FUTURES)								
YIT	Spec		New	USD			110	100
YIT	Hedge/Member		New	USD			100	100
2 YEAR MAC SOFR (2-YEAR SOFR MAC SWAP FUTURES)								
T1S	Spec		New	USD			110	100
T1S	Hedge/Member		New	USD			100	100
20 YEAR ERIS SOFR (20-YEAR ERIS SOFR SWAP FUTURES)								
YIO	Spec		New	USD			110	100
YIO	Hedge/Member		New	USD			100	100
20 YEAR MAC SOFR (20-YEAR SOFR MAC SWAP FUTURES)								
E1S	Spec		New	USD			110	100
E1S	Hedge/Member		New	USD			100	100
3 YEAR ERIS SOFR (3-YEAR ERIS SOFR SWAP FUTURES)								
YIC	Spec		New	USD			110	100
YIC	Hedge/Member		New	USD			100	100
30 YEAR ERIS SOFR (30-YEAR ERIS SOFR SWAP FUTURES)								
YIE	Spec		New	USD			110	100
YIE	Hedge/Member		New	USD			100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
30 YEAR MAC SOFR (30-YEAR SOFR MAC SWAP FUTURES)								
B1S	Spec		New	USD			110	100
B1S	Hedge/Member		New	USD			100	100
4 YEAR ERIS SOFR (4-YEAR ERIS SOFR SWAP FUTURES)								
YID	Spec		New	USD			110	100
YID	Hedge/Member		New	USD			100	100
5 YEAR ERIS SOFR (5-YEAR ERIS SOFR SWAP FUTURES)								
YIW	Spec		New	USD			110	100
YIW	Hedge/Member		New	USD			100	100
5 YEAR MAC SOFR (5-YEAR SOFR MAC SWAP FUTURES)								
F1S	Spec		New	USD			110	100
F1S	Hedge/Member		New	USD			100	100
7 YEAR ERIS SOFR (7-YEAR ERIS SOFR SWAP FUTURES)								
YIB	Spec		New	USD			110	100
YIB	Hedge/Member		New	USD			100	100
7 YEAR MAC SOFR (7-YEAR SOFR MAC SWAP FUTURES)								
S1S	Spec		New	USD			110	100
S1S	Hedge/Member		New	USD			100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								

METALS - Intra Spreads

CX-SGC Months 01-03 vs CX-SGC Months 01-03 (SHANGHAI GOLD (CNH) FUTURES)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
SGC	Spec		Increase	CNH	1,540	1,400	2,310	2,100
SGC	Hedge/Member		Increase	CNH	1,400	1,400	2,100	2,100

CX-SGC Months 01-03 vs CX-SGC Months 04+ (SHANGHAI GOLD (CNH) FUTURES)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
SGC	Spec		Increase	CNH	2,310	2,100	3,465	3,150
SGC	Hedge/Member		Increase	CNH	2,100	2,100	3,150	3,150

CX-SGC Months 04+ vs CX-SGC Months 04+ (SHANGHAI GOLD (CNH) FUTURES)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
SGC	Spec		Increase	CNH	3,080	2,800	4,620	4,200
SGC	Hedge/Member		Increase	CNH	2,800	2,800	4,200	4,200

CX-SGU Months 01-03 vs CX-SGU Months 01-03 (SHANGHAI GOLD (USD) FUTURES)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
SGU	Spec		Increase	USD	220	200	330	300
SGU	Hedge/Member		Increase	USD	200	200	300	300

CX-SGU Months 01-03 vs CX-SGU Months 04+ (SHANGHAI GOLD (USD) FUTURES)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
SGU	Spec		Increase	USD	330	300	495	450
SGU	Hedge/Member		Increase	USD	300	300	450	450

CX-SGU Months 04+ vs CX-SGU Months 04+ (SHANGHAI GOLD (USD) FUTURES)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
SGU	Spec		Increase	USD	440	400	660	600
SGU	Hedge/Member		Increase	USD	400	400	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
EQUITY INDEX - Inter-commodity Spread Rates						
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs DOW JONES INDUSTRIAL AVERAGE TOTAL RETURN INDEX FUTURES (DTR - CME) – All Months						
Spread Credit Rate	New	+1:+1			55%	55%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs E-MINI DOW ($5) FUTURES (YM - CME) – All Months						
Spread Credit Rate	New	+1:+1			55%	55%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs E-MINI NASDAQ-100 FUTURES (NQ – CME) – All Months						
Spread Credit Rate	New	+1:+1			60%	60%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs E-MINI RUSSELL 2000 INDEX FUTURES (RTY - CME) – All Months						
Spread Credit Rate	New	+1:+1			45%	45%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs NASDAQ 100 TOTAL RETURN INDEX FUTURES (N1R - CME) – All Months						
Spread Credit Rate	New	+1:+1			60%	60%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs RUSSELL 2000 TOTAL RETURN INDEX FUTURES (R2R - CME) – All Months						
Spread Credit Rate	New	+1:+1			45%	45%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs S&P 500 (SP - CME) – All Months						
Spread Credit Rate	New	+5:+1			55%	55%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME) – All Months						
Spread Credit Rate	New	+1:+1			55%	55%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						

INTEREST RATES - Inter-commodity Spread Rates

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
10-YEAR ERIS SOFR SWAP FUTURE (CME-YIY) vs 10-YEAR MAC SWAP FUTURE (CME-N1U)						
Spread Credit Rate	New	+1:-1			85%	85%
10-YEAR ERIS SOFR SWAP FUTURE (CME-YIY) vs 10-YEAR TREASURY NOTE FUTURE (CME-21)						
Spread Credit Rate	New	+9:-10			75%	75%
10-YEAR ERIS SOFR SWAP FUTURE (CME-YIY) vs 2-YEAR TREASURY NOTE FUTURE (CME-26)						
Spread Credit Rate	New	+1:-2			50%	50%
10-YEAR ERIS SOFR SWAP FUTURE (CME-YIY) vs 30-YEAR TREASURY BOND FUTURE (CME-17)						
Spread Credit Rate	New	+2:-1			70%	70%
10-YEAR ERIS SOFR SWAP FUTURE (CME-YIY) vs 3-YEAR TREASURY NOTE FUTURE (CME-3YR)						
Spread Credit Rate	New	+1:-2			60%	60%
10-YEAR ERIS SOFR SWAP FUTURE (CME-YIY) vs 5-YEAR TREASURY NOTE FUTURE (CME-25)						
Spread Credit Rate	New	+3:-5			70%	70%
10-YEAR ERIS SOFR SWAP FUTURE (CME-YIY) vs ULTRA 10-YEAR TREASURY NOTE FUTURE (CME-TN)						
Spread Credit Rate	New	+3:-2			75%	75%
10-YEAR ERIS SOFR SWAP FUTURE (CME-YIY) vs ULTRABOND FUTURE (CME-UBE)						
Spread Credit Rate	New	+4:-1			60%	60%
10-YEAR ERIS SOFR SWAP FUTURE (YIY - CME) vs 10-YEAR ERIS INTEREST RATE SWAP FUTURE (LIY - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
10-YEAR ERIS SOFR SWAP FUTURE (YIY - CME) vs 10-YEAR MAC SOFR SWAP FUTURE (N1S - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
10-YEAR MAC SOFR SWAP FUTURE (N1S - CME) vs 10-YEAR TREASURY NOTE FUTURE (21 - CME)						
Spread Credit Rate	New	+1:-1			75%	75%
10-YEAR MAC SOFR SWAP FUTURE (N1S - CME) vs 2-YEAR TREASURY NOTE FUTURE (26 - CME)						
Spread Credit Rate	New	+1:-2			50%	50%
10-YEAR MAC SOFR SWAP FUTURE (N1S - CME) vs 30-YEAR BOND FUTURE (17 - CME)						
Spread Credit Rate	New	+5:-2			70%	70%
10-YEAR MAC SOFR SWAP FUTURE (N1S - CME) vs 3-YEAR TREASURY NOTE FUTURE (3YR - CME)						
Spread Credit Rate	New	+1:-2			60%	60%
10-YEAR MAC SOFR SWAP FUTURE (N1S - CME) vs 5-YEAR TREASURY NOTE FUTURE (25 - CME)						
Spread Credit Rate	New	+2:-3			70%	70%
10-YEAR MAC SOFR SWAP FUTURE (N1S - CME) vs ULTRA 10-YEAR TREASURY NOTE FUTURE (TN - CME)						
Spread Credit Rate	New	+3:-2			75%	75%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
10-YEAR MAC SOFR SWAP FUTURE (N1S - CME) vs ULTRABOND FUTURE (UBE - CME)						
Spread Credit Rate	New	+3:-1			60%	60%
10-YEAR MAC SOFR SWAP FUTURES (CME - N1S) vs 10-YEAR MAC SWAP FUTURES (CME - N1U)						
Spread Credit Rate	New	+1:-1			85%	85%
12-YEAR ERIS SOFR SWAP FUTURE (YII - CME) vs 12-YEAR ERIS INTEREST RATE SWAP FUTURE (LII - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
12-YEAR ERIS SWAP FUTURE (CME-YII) vs 10-YEAR ERIS SWAP FUTURE (CME-YIY)						
Spread Credit Rate	New	+2:-3			75%	75%
15-YEAR ERIS SOFR SWAP FUTURE (YIL - CME) vs 15-YEAR ERIS INTEREST RATE SWAP FUTURE (LIL - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
15-YEAR ERIS SWAP FUTURE (CME-YIL) vs 10-YEAR ERIS SWAP FUTURE (CME-YIY)						
Spread Credit Rate	New	+2:-3			75%	75%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs 10-YEAR TREASURY NOTE FUTURES (CME-21)						
Spread Credit Rate	New	+4:-1			50%	50%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs 2-YEAR TREASURY NOTE FUTURES (CME-26)						
Spread Credit Rate	New	+2:-1			75%	75%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs 3-YEAR TREASURY NOTE FUTURES (CME-3YR)						
Spread Credit Rate	New	+7:-3			70%	70%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs 5-YEAR TREASURY NOTE FUTURES (CME-25)						
Spread Credit Rate	New	+5:-2			60%	60%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 1-3						
Spread Credit Rate	New	+4:-3			75%	75%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 13-16						
Spread Credit Rate	New	+4:-3			70%	70%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 17-20						
Spread Credit Rate	New	+4:-3			65%	65%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 21-24						
Spread Credit Rate	New	+4:-3			60%	60%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 25-28						
Spread Credit Rate	New	+4:-3			60%	60%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 28-32						
Spread Credit Rate	New	+4:-3			55%	55%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 33-36						
Spread Credit Rate	New	+4:-3			50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 37-40						
Spread Credit Rate	New	+4:-3			50%	50%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 41-44						
Spread Credit Rate	New	+4:-3			50%	50%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 4-8						
Spread Credit Rate	New	+4:-3			80%	80%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 9-12						
Spread Credit Rate	New	+4:-3			75%	75%
1-YEAR ERIS SOFR SWAP FUTURE (CME-YIA) vs ULTRA 10-YEAR TREASURY NOTE FUTURES (CME-TN)						
Spread Credit Rate	New	+1:-6			40%	40%
1-YEAR ERIS SOFR SWAP FUTURE (YIA - CME) vs 10-YEAR ERIS SOFR SWAP FUTURE (YIY - CME)						
Spread Credit Rate	New	+4:-1			50%	50%
1-YEAR ERIS SOFR SWAP FUTURE (YIA - CME) vs 2-YEAR ERIS SOFR SWAP FUTURE (YIT - CME)						
Spread Credit Rate	New	+5:-4			80%	80%
1-YEAR ERIS SOFR SWAP FUTURE (YIA - CME) vs 2-YEAR MAC SOFR SWAP FUTURE (T1S - CME)						
Spread Credit Rate	New	+1:-1			80%	80%
1-YEAR ERIS SOFR SWAP FUTURE (YIA - CME) vs 3-YEAR ERIS SOFR SWAP FUTURE (YIC - CME)						
Spread Credit Rate	New	+4:-3			75%	75%
1-YEAR ERIS SOFR SWAP FUTURE (YIA - CME) vs 4-YEAR ERIS SOFR SWAP FUTURE (YID - CME)						
Spread Credit Rate	New	+3:-2			70%	70%
1-YEAR ERIS SOFR SWAP FUTURE (YIA - CME) vs 5-YEAR ERIS SOFR SWAP FUTURE (YIW - CME)						
Spread Credit Rate	New	+2:-1			65%	65%
1-YEAR ERIS SOFR SWAP FUTURE (YIA - CME) vs 7-YEAR ERIS SOFR SWAP FUTURE (YIB - CME)						
Spread Credit Rate	New	+3:-1			55%	55%
20-YEAR ERIS SOFR SWAP FUTURE (CME-YIO) vs 20-YEAR MAC SWAP FUTURE (CME-E1U)						
Spread Credit Rate	New	+1:-1			85%	85%
20-YEAR ERIS SOFR SWAP FUTURE (CME-YIO) vs 30-YEAR TREASURY BOND FUTURE (CME-17)						
Spread Credit Rate	New	+10:-9			75%	75%
20-YEAR ERIS SOFR SWAP FUTURE (YIO - CME) vs 20-YEAR ERIS INTEREST RATE SWAP FUTURE (LIO - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
20-YEAR ERIS SOFR SWAP FUTURE (YIO - CME) vs 20-YEAR MAC SOFR SWAP FUTURE (E1S - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
20-YEAR ERIS SWAP FUTURE (CME-YIO) vs 10-YEAR ERIS SWAP FUTURE (CME-YIY)						
Spread Credit Rate	New	+1:-2			65%	65%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
20-YEAR MAC SOFR SWAP FUTURES (CME - E1S) vs 20-YEAR MAC SWAP FUTURES (CME - E1U)						
Spread Credit Rate	New	+1:-1			85%	85%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs 10-YEAR TREASURY NOTE FUTURE (CME-21)						
Spread Credit Rate	New	+4:-1			55%	55%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs 2-YEAR MAC SWAP FUTURE (CME-T1U)						
Spread Credit Rate	New	+1:-1			85%	85%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs 2-YEAR TREASURY NOTE FUTURES (CME-26)						
Spread Credit Rate	New	+2:-1			75%	75%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs 3-YEAR TREASURY NOTE FUTURES (CME-3YR)						
Spread Credit Rate	New	+7:-3			70%	70%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs 5-YEAR TREASURY NOTE FUTURE (CME-25)						
Spread Credit Rate	New	+5:-2			60%	60%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 1-3						
Spread Credit Rate	New	+4:-3			70%	70%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 13-16						
Spread Credit Rate	New	+4:-3			75%	75%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 17-20						
Spread Credit Rate	New	+4:-3			70%	70%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 21-24						
Spread Credit Rate	New	+4:-3			60%	60%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 25-28						
Spread Credit Rate	New	+4:-3			60%	60%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 28-32						
Spread Credit Rate	New	+4:-3			55%	55%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 33-36						
Spread Credit Rate	New	+4:-3			55%	55%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 37-40						
Spread Credit Rate	New	+4:-3			55%	55%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 41-44						
Spread Credit Rate	New	+4:-3			55%	55%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 4-8						
Spread Credit Rate	New	+4:-3			75%	75%
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 9-12						
Spread Credit Rate	New	+4:-3			80%	80%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
2-YEAR ERIS SOFR SWAP FUTURE (CME-YIT) vs ULTRA 10-YEAR TREASURY NOTE FUTURE (CME-TN)						
Spread Credit Rate	New	+6:-1			45%	45%
2-YEAR ERIS SOFR SWAP FUTURE (YIT - CME) vs 10-YEAR ERIS SOFR SWAP FUTURE (YIY - CME)						
Spread Credit Rate	New	+4:-1			55%	55%
2-YEAR ERIS SOFR SWAP FUTURE (YIT - CME) vs 2-YEAR MAC SOFR SWAP FUTURE (T1S - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
2-YEAR ERIS SOFR SWAP FUTURE (YIT - CME) vs 3-YEAR ERIS SOFR SWAP FUTURE (YIC - CME)						
Spread Credit Rate	New	+10:-7			80%	80%
2-YEAR ERIS SOFR SWAP FUTURE (YIT - CME) vs 4-YEAR ERIS SOFR SWAP FUTURE (YID - CME)						
Spread Credit Rate	New	+3:-2			75%	75%
2-YEAR ERIS SOFR SWAP FUTURE (YIT - CME) vs 5-YEAR ERIS SOFR SWAP FUTURE (YIW - CME)						
Spread Credit Rate	New	+2:-1			70%	70%
2-YEAR ERIS SOFR SWAP FUTURE (YIT - CME) vs 7-YEAR ERIS SOFR SWAP FUTURE (YIB - CME)						
Spread Credit Rate	New	+3:-1			65%	65%
2-YEAR MA SOFR SWAP FUTURE (T1S - CME) vs 10-YEAR TREASURY NOTE FUTURE (21 - CME)						
Spread Credit Rate	New	+4:-1			55%	55%
2-YEAR MA SOFR SWAP FUTURE (T1S - CME) vs 2-YEAR TREASURY NOTE FUTURE (26 - CME)						
Spread Credit Rate	New	+2:-1			75%	75%
2-YEAR MA SOFR SWAP FUTURE (T1S - CME) vs 3-YEAR TREASURY NOTE FUTURE (3YR - CME)						
Spread Credit Rate	New	+2:-1			70%	70%
2-YEAR MA SOFR SWAP FUTURE (T1S - CME) vs 5-YEAR TREASURY NOTE FUTURE (25 - CME)						
Spread Credit Rate	New	+5:-2			65%	65%
2-YEAR MA SOFR SWAP FUTURE (T1S - CME) vs ULTRA 10-YEAR TREASURY NOTE FUTURE (TN - CME)						
Spread Credit Rate	New	+4:-1			45%	45%
2-YEAR MAC SOFR SWAP FUTURES (CME - T1S) vs 2-YEAR MAC SWAP FUTURES (CME - T1U)						
Spread Credit Rate	New	+1:-1			85%	85%
2YR ERIS INTEREST RATE SWAP FUTURE (LIT - CME) Tier 3 vs 2-YEAR ERIS SOFR SWAP FUTURES (YIT - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
2YR ERIS INTEREST RATE SWAP FUTURE (LIT - CME) Tier 4 vs 2-YEAR ERIS SOFR SWAP FUTURE (YIT - CME)						
Spread Credit Rate	New	+1:-1			75%	75%
2YR ERIS INTEREST RATE SWAP FUTURE (LIT - CME) Tier 5 vs 2-YEAR ERIS SOFR SWAP FUTURE (YIT - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
30-YEAR ERIS SOFR SWAP FUTURE (CME-YIE) vs 30-YEAR MAC SWAP FUTURE (CME-B1U)						
Spread Credit Rate	New	+1:-1			85%	85%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
30-YEAR ERIS SOFR SWAP FUTURE (CME-YIE) vs ULTRABOND FUTURE (CME-UBE)						
Spread Credit Rate	New	+3:-2			75%	75%
30-YEAR ERIS SOFR SWAP FUTURE (YIE - CME) vs 30-YEAR ERIS INTEREST RATE SWAP FUTURE (LIE - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
30-YEAR ERIS SOFR SWAP FUTURE (YIE - CME) vs 30-YEAR MAC SOFR SWAP FUTURE (B1S - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
30-YEAR ERIS SWAP FUTURE (CME-YIE) vs 10-YEAR ERIS SWAP FUTURE (CME-YIY)						
Spread Credit Rate	New	+2:-5			60%	60%
30-YEAR MAC SOFR SWAP FUTURES (CME - B1S) vs 30-YEAR MAC SWAP FUTURES (CME - B1U)						
Spread Credit Rate	New	+1:-1			85%	85%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs 10-YEAR TREASURY NOTE FUTURE (CME-21)						
Spread Credit Rate	New	+5:-2			60%	60%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs 2-YEAR TREASURY NOTE FUTURE (CME-26)						
Spread Credit Rate	New	+3:-2			70%	70%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs 3-YEAR TREASURY NOTE FUTURE (CME-3YR)						
Spread Credit Rate	New	+1:-1			75%	75%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs 5-YEAR TREASURY NOTE FUTURE (CME-25)						
Spread Credit Rate	New	+5:-3			65%	65%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 1-3						
Spread Credit Rate	New	+9:-10			70%	70%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 13-16						
Spread Credit Rate	New	+9:-10			80%	80%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 17-20						
Spread Credit Rate	New	+9:-10			75%	75%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 21-24						
Spread Credit Rate	New	+9:-10			70%	70%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 25-28						
Spread Credit Rate	New	+9:-10			65%	65%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 28-32						
Spread Credit Rate	New	+9:-10			65%	65%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 33-36						
Spread Credit Rate	New	+9:-10			55%	55%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 37-40						
Spread Credit Rate	New	+9:-10			55%	55%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 41-44						
Spread Credit Rate	New	+9:-10			55%	55%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 4-8						
Spread Credit Rate	New	+9:-10			75%	75%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 9-12						
Spread Credit Rate	New	+9:-10			80%	80%
3-YEAR ERIS SOFR SWAP FUTURE (CME-YIC) vs ULTRA 10-YEAR TREASURY NOTE FUTURE (CME-TN)						
Spread Credit Rate	New	+4:-1			50%	50%
3-YEAR ERIS SOFR SWAP FUTURE (YIC - CME) vs 10-YEAR ERIS SOFR SWAP FUTURE (YIY - CME)						
Spread Credit Rate	New	+4:-1			50%	50%
3-YEAR ERIS SOFR SWAP FUTURE (YIC - CME) vs 3-YEAR ERIS INTEREST RATE SWAP FUTURE (LIC - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
3-YEAR ERIS SOFR SWAP FUTURE (YIC - CME) vs 4-YEAR ERIS SOFR SWAP FUTURE (YID - CME)						
Spread Credit Rate	New	+6:-5			80%	80%
3-YEAR ERIS SOFR SWAP FUTURE (YIC - CME) vs 5-YEAR ERIS SOFR SWAP FUTURE (YIW - CME)						
Spread Credit Rate	New	+3:-2			75%	75%
3-YEAR ERIS SOFR SWAP FUTURE (YIC - CME) vs 7-YEAR ERIS SOFR SWAP FUTURE (YIB - CME)						
Spread Credit Rate	New	+3:-1			70%	70%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs 10-YEAR TREASURY NOTE FUTURE (CME-21)						
Spread Credit Rate	New	+2:-1			65%	65%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs 2-YEAR TREASURY NOTE FUTURE (CME-26)						
Spread Credit Rate	New	+10:-9			65%	65%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs 3-YEAR TREASURY NOTE FUTURE (CME-3YR)						
Spread Credit Rate	New	+1:-1			75%	75%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs 5-YEAR TREASURY NOTE FUTURE (CME-25)						
Spread Credit Rate	New	+3:-2			75%	75%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 1-3						
Spread Credit Rate	New	+5:-8			70%	70%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 13-16						
Spread Credit Rate	New	+5:-8			80%	80%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 17-20						
Spread Credit Rate	New	+5:-8			75%	75%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 21-24						
Spread Credit Rate	New	+5:-8			70%	70%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 25-28						
Spread Credit Rate	New	+5:-8			65%	65%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 28-32						
Spread Credit Rate	New	+5:-8			60%	60%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 33-36						
Spread Credit Rate	New	+5:-8			60%	60%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 37-40						
Spread Credit Rate	New	+5:-8			55%	55%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 41-44						
Spread Credit Rate	New	+5:-8			55%	55%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 4-8						
Spread Credit Rate	New	+5:-8			75%	75%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 9-12						
Spread Credit Rate	New	+5:-8			80%	80%
4-YEAR ERIS SOFR SWAP FUTURE (CME-YID) vs ULTRA 10-YEAR TREASURY NOTE FUTURE (CME-TN)						
Spread Credit Rate	New	+3:-1			60%	60%
4-YEAR ERIS SOFR SWAP FUTURE (YID - CME) vs 10-YEAR ERIS SOFR SWAP FUTURE (YIY - CME)						
Spread Credit Rate	New	+2:-1			60%	60%
4-YEAR ERIS SOFR SWAP FUTURE (YID - CME) vs 4-YEAR ERIS INTEREST RATE SWAP FUTURE (LID - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
4-YEAR ERIS SOFR SWAP FUTURE (YID - CME) vs 5-YEAR ERIS SOFR SWAP FUTURE (YIW - CME)						
Spread Credit Rate	New	+6:-5			75%	75%
4-YEAR ERIS SOFR SWAP FUTURE (YID - CME) vs 7-YEAR ERIS SOFR SWAP FUTURE (YIB - CME)						
Spread Credit Rate	New	+3:-2			70%	70%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs 10-YEAR TREASURY NOTE FUTURE (CME-21)						
Spread Credit Rate	New	+7:-4			70%	70%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs 2-YEAR TREASURY NOTE FUTURE (CME-26)						
Spread Credit Rate	New	+9:-10			65%	65%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs 30-YEAR TREASURY BOND FUTURE (CME-17)						
Spread Credit Rate	New	+4:-1			60%	60%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs 3-YEAR TREASURY NOTE FUTURE (CME-3YR)						
Spread Credit Rate	New	+2:-3			70%	70%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs 5-YEAR MAC SWAP FUTURE (CME-F1U)						
Spread Credit Rate	New	+1:-1			85%	85%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIw) vs 5-YEAR TREASURY NOTE FUTURE (CME-25)						
Spread Credit Rate	New	+10:-9			75%	75%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 1-3						
Spread Credit Rate	New	+3:-5			70%	70%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 13-16						
Spread Credit Rate	New	+3:-5			80%	80%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 17-20						
Spread Credit Rate	New	+3:-5			80%	80%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 21-24						
Spread Credit Rate	New	+3:-5			80%	80%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 25-28						
Spread Credit Rate	New	+3:-5			80%	80%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 29-32						
Spread Credit Rate	New	+3:-5			75%	75%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 33-36						
Spread Credit Rate	New	+3:-5			70%	70%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 37-40						
Spread Credit Rate	New	+3:-5			65%	65%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 41-44						
Spread Credit Rate	New	+3:-5			60%	60%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 4-8						
Spread Credit Rate	New	+3:-5			75%	75%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs EURODOLLAR FUTURES (CME-ED) CONTRACTS 9-12						
Spread Credit Rate	New	+3:-5			80%	80%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs ULTRA 10-YEAR TREASURY NOTE FUTURE (CME-TN)						
Spread Credit Rate	New	+5:-2			65%	65%
5-YEAR ERIS SOFR SWAP FUTURE (CME-YIW) vs ULTRABOND FUTURE (CME-UBE)						
Spread Credit Rate	New	+7:-1			50%	50%
5-YEAR ERIS SOFR SWAP FUTURE (YIW - CME) vs 10-YEAR ERIS SOFR SWAP FUTURE (YIY - CME)						
Spread Credit Rate	New	+3:-2			70%	70%
5-YEAR ERIS SOFR SWAP FUTURE (YIW - CME) vs 5-YEAR ERIS INTEREST RATE SWAP FUTURE (LIW - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
5-YEAR ERIS SOFR SWAP FUTURE (YIW - CME) vs 5-YEAR MAC SOFR SWAP FUTURE (F1S - CME)						
Spread Credit Rate	New	+1:-1			85%	85%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
5-YEAR ERIS SOFR SWAP FUTURE (YIW - CME) vs 7-YEAR ERIS SOFR SWAP FUTURE (YIB - CME)						
Spread Credit Rate	New	+3:-2			75%	75%
5-YEAR MAC SOFR SWAP FUTURE (F1S - CME) vs 10-YEAR TREASURY NOTE FUTURE (21 - CME)						
Spread Credit Rate	New	+3:-2			70%	70%
5-YEAR MAC SOFR SWAP FUTURE (F1S - CME) vs 2-YEAR TREASURY NOTE FUTURE (26 - CME)						
Spread Credit Rate	New	+5:-6			65%	65%
5-YEAR MAC SOFR SWAP FUTURE (F1S - CME) vs 30-YEAR TREASURY BOND FUTURE (17 - CME)						
Spread Credit Rate	New	+3:-1			60%	60%
5-YEAR MAC SOFR SWAP FUTURE (F1S - CME) vs 3-YEAR TREASURY NOTE FUTURE (3YR - CME)						
Spread Credit Rate	New	+2:-3			70%	70%
5-YEAR MAC SOFR SWAP FUTURE (F1S - CME) vs 5-YEAR TREASURY NOTE FUTURE (25 - CME)						
Spread Credit Rate	New	+1:-1			75%	75%
5-YEAR MAC SOFR SWAP FUTURE (F1S - CME) vs ULTRA 10-YEAR TREASURY NOTE FUTURE (TN - CME)						
Spread Credit Rate	New	+2:-1			65%	65%
5-YEAR MAC SOFR SWAP FUTURE (F1S - CME) vs ULTRABOND FUTURE (UBE - CME)						
Spread Credit Rate	New	+5:-1			50%	50%
5-YEAR MAC SOFR SWAP FUTURES (CME - F1S) vs 5-YEAR MAC SWAP FUTURES (CME - F1U)						
Spread Credit Rate	New	+1:-1			85%	85%
7-YEAR ERIS SOFR SWAP FUTURE (CME-YIB) vs 10-YEAR TREASURY NOTE FUTURE (CME-21)						
Spread Credit Rate	New	+1:-1			75%	75%
7-YEAR ERIS SOFR SWAP FUTURE (CME-YIB) vs 2-YEAR TREASURY NOTE FUTURE (CME-26)						
Spread Credit Rate	New	+10:-7			50%	50%
7-YEAR ERIS SOFR SWAP FUTURE (CME-YIB) vs 30-YEAR TREASURY BOND FUTURE (CME-17)						
Spread Credit Rate	New	+4:-1			65%	65%
7-YEAR ERIS SOFR SWAP FUTURE (CME-YIB) vs 3-YEAR TREASURY NOTE FUTURE (CME-3YR)						
Spread Credit Rate	New	+3:-5			60%	60%
7-YEAR ERIS SOFR SWAP FUTURE (CME-YIB) vs 5-YEAR TREASURY NOTE FUTURE (CME-25)						
Spread Credit Rate	New	+7:-8			70%	70%
7-YEAR ERIS SOFR SWAP FUTURE (CME-YIB) vs ULTRA 10-YEAR TREASURY NOTE FUTURE (CME-TN)						
Spread Credit Rate	New	+2:-1			70%	70%
7-YEAR ERIS SOFR SWAP FUTURE (CME-YIB) vs ULTRABOND FUTURE (CME-UBE)						
Spread Credit Rate	New	+7:-1			55%	55%
7-YEAR ERIS SOFR SWAP FUTURE (YIB - CME) vs 10-YEAR ERIS SOFR SWAP FUTURE (YIY - CME)						
Spread Credit Rate	New	+3:-2			75%	75%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
7-YEAR ERIS SOFR SWAP FUTURE (YIB - CME) vs 7-YEAR ERIS INTEREST RATE SWAP FUTURE (LIB - CME)						
Spread Credit Rate	New	+1:-1			85%	85%
7-YEAR MAC SOFR SWAP FUTURE (S1S - CME) vs 10-YEAR TREASURY NOTE FUTURE (21 - CME)						
Spread Credit Rate	New	+5:-4			75%	75%
7-YEAR MAC SOFR SWAP FUTURE (S1S - CME) vs 2-YEAR TREASURY NOTE FUTURE (26 - CME)						
Spread Credit Rate	New	+2:-3			55%	55%
7-YEAR MAC SOFR SWAP FUTURE (S1S - CME) vs 30-YEAR BOND FUTURE (17 - CME)						
Spread Credit Rate	New	+3:-1			65%	65%
7-YEAR MAC SOFR SWAP FUTURE (S1S - CME) vs 3-YEAR TREASURY NOTE FUTURE (3YR - CME)						
Spread Credit Rate	New	+2:-3			65%	65%
7-YEAR MAC SOFR SWAP FUTURE (S1S - CME) vs 5-YEAR TREASURY NOTE FUTURE (25 - CME)						
Spread Credit Rate	New	+3:-4			70%	70%
7-YEAR MAC SOFR SWAP FUTURE (S1S - CME) vs ULTRA 10-YEAR TREASURY NOTE FUTURE (TN - CME)						
Spread Credit Rate	New	+2:-1			70%	70%
7-YEAR MAC SOFR SWAP FUTURE (S1S - CME) vs ULTRABOND FUTURE (UBE - CME)						
Spread Credit Rate	New	+6:-1			55%	55%
7-YEAR MAC SOFR SWAP FUTURES (CME - S1S) vs 7-YEAR MAC SWAP FUTURES (CME - S1U)						
Spread Credit Rate	New	+1:-1			85%	85%