CME Group

21-154

TO:	Clearing Member Firms Chief Financial Officers Back Office Managers Margin Managers
FROM:	CME Clearing
SUBJECT:	Performance Bond Requirements
DATE:	Thursday, April 29, 2021

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, April 30, 2021.

Current rates as of:

Thursday, April 29, 2021.

The advisory includes changes to certain products' Splitting methodology. The specific products can be found on page 19 of the advisory.

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.

Bitcoin micro futures will be launching this weekend. The micro Bitcoin future's (MBT) SPAN parameters will be exactly 1/50th of those for the current Bitcoin future (BTC) and will have a full margin offset to BTC.

- Maintenance price scans will be 38% of notional, with the notional of the new micro contract being 1/50th of the existing Bitcoin futures contract.
- 50% Inter-Commodity spread offset with Ether Futures at a 50 micro Bitcoin (MBT) to 3 Ether (ETH) future ratio.
- Intra-Commodity spread charges for micro Bitcoin (MBT) will be 1/50th the size of the existing Intra-Commodity spread charges for the current Bitcoin futures contract (BTC).

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Outright Rates

AGRICULTURE - Outright Rates

CME DRY WHEY FUTURES (DY)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
DY	Spec	Month 1	Increase	USD	660	600	792	720
DY	Hedge/Member	Month 1	Increase	USD	600	600	720	720
DY	Spec	Months 3-6	Increase	USD	1,650	1,500	1,815	1,650
DY	Hedge/Member	Months 3-6	Increase	USD	1,500	1,500	1,650	1,650
DY	Spec	Months 7-12	Increase	USD	1,628	1,480	1,760	1,600
DY	Hedge/Member	Months 7-12	Increase	USD	1,480	1,480	1,600	1,600
DY	Spec	Month 2	Increase	USD	1,166	1,060	1,403	1,275
DY	Hedge/Member	Month 2	Increase	USD	1,060	1,060	1,275	1,275
DY	Spec	Months 13+	Increase	USD	1,254	1,140	1,375	1,250
DY	Hedge/Member	Months 13+	Increase	USD	1,140	1,140	1,250	1,250

USD MALAY CRD PALM OIL BULLET FUT (CPV)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
CPV	Spec	Mnth 1	New	USD			3,190	2,900
CPV	Hedge/Member	Mnth 1	New	USD			2,900	2,900
CPV	Spec	Mnth 2-4	New	USD			2,640	2,400
CPV	Hedge/Member	Mnth 2-4	New	USD			2,400	2,400
CPV	Spec	Mnth 5+	New	USD			2,200	2,000
CPV	Hedge/Member	Mnth 5+	New	USD			2,000	2,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DME Products - Outright Rates								
BRENT (SPORE) VS DME OMAN (BDS)								
BDS	Spec	Mnth 1	Increase	USD	1,375	1,250	1,650	1,500
BDS	Hedge/Member	Mnth 1	Increase	USD	1,250	1,250	1,500	1,500
BDS	Spec	Mnths 2+	Increase	USD	1,375	1,250	1,650	1,500
BDS	Hedge/Member	Mnths 2+	Increase	USD	1,250	1,250	1,500	1,500
BRENT CRUDE OIL VS. DUBAI CRUDE OIL (DHI)								
DHI	Spec		Increase	USD	660	600	798	725
DHI	Hedge/Member		Increase	USD	600	600	725	725
DME CRUDE OIL BALMO FUT (DDB)								
DDB	Spec		Increase	USD	5,720	5,200	7,700	7,000
DDB	Hedge/Member		Increase	USD	5,200	5,200	7,000	7,000
DME OMAN CRUDE VS DUBAI PLATTS FUT (DDO)								
DDO	Spec	Mnth 1	Increase	USD	1,210	1,100	1,430	1,300
DDO	Hedge/Member	Mnth 1	Increase	USD	1,100	1,100	1,300	1,300
DDO	Spec	Mnths 2+	Increase	USD	1,045	950	1,375	1,250
DDO	Hedge/Member	Mnths 2+	Increase	USD	950	950	1,250	1,250
DUBAI CRUDE OIL (PLATTS) BALMO FUT (DDI)								
DDI	Spec	All Months	Increase	USD	5,225	4,750	6,600	6,000
DDI	Hedge/Member	All Months	Increase	USD	4,750	4,750	6,000	6,000
DUBAI CRUDEOIL S&PPLATTS DLY MARKER (DM2)								
DM2	Spec	All Months	Increase	USD	5,225	4,750	6,600	6,000
DM2	Hedge/Member	All Months	Increase	USD	4,750	4,750	6,000	6,000
DUBAI CRUDEOILS&P PLATTS BALMO TAPS (DDT)								
DDT	Spec	All Months	Increase	USD	5,225	4,750	6,600	6,000
DDT	Hedge/Member	All Months	Increase	USD	4,750	4,750	6,000	6,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
				FX - Outright Rates				
BRITISH POUND FUTURES (BP)								
BP	Spec	Month1-3	Decrease	USD	2,640	2,400	2,365	2,150
BP	Hedge/Member	Month1-3	Decrease	USD	2,400	2,400	2,150	2,150
BP	Spec	Months 4+	Decrease	USD	2,640	2,400	2,365	2,150
BP	Hedge/Member	Months 4+	Decrease	USD	2,400	2,400	2,150	2,150
E-MINI J-YEN FUTURE (J7)								
J7	Spec	Month 1-3	Decrease	USD	1,375	1,250	1,238	1,125
J7	Hedge/Member	Month 1-3	Decrease	USD	1,250	1,250	1,125	1,125
J7	Spec	Months 4+	Decrease	USD	1,375	1,250	1,238	1,125
J7	Hedge/Member	Months 4+	Decrease	USD	1,250	1,250	1,125	1,125
JAPANESE YEN FUTURES (JY)								
JY	Spec	Month 1-3	Decrease	USD	2,750	2,500	2,475	2,250
JY	Hedge/Member	Month 1-3	Decrease	USD	2,500	2,500	2,250	2,250
JY	Spec	Months 4+	Decrease	USD	2,750	2,500	2,475	2,250
JY	Hedge/Member	Months 4+	Decrease	USD	2,500	2,500	2,250	2,250
MICRO GBP/USD FUTURES (M6B)								
M6B	Spec	Month1-3	Decrease	USD	264	240	237	215
M6B	Hedge/Member	Month1-3	Decrease	USD	240	240	215	215
M6B	Spec	Months 4+	Decrease	USD	264	240	237	215
M6B	Hedge/Member	Months 4+	Decrease	USD	240	240	215	215
MICRO JPY/USD (MJY)								
MJY	Spec	Month 1-3	Decrease	USD	275	250	248	225
MJY	Hedge/Member	Month 1-3	Decrease	USD	250	250	225	225
MJY	Spec	Months 4+	Decrease	USD	275	250	248	225
MJY	Hedge/Member	Months 4+	Decrease	USD	250	250	225	225

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
				METALS - Outright Rates				
ALUMINIUM EURO PREM METAL BULLETIN (AEP)								
AEP	Spec	Mth 1	Increase	USD	506	460	605	550
AEP	Hedge/Member	Mth 1	Increase	USD	460	460	550	550
AEP	Spec	Mths 2-9	Increase	USD	671	610	781	710
AEP	Hedge/Member	Mths 2-9	Increase	USD	610	610	710	710
AEP	Spec	Mths 10+	Increase	USD	473	430	561	510
AEP	Hedge/Member	Mths 10+	Increase	USD	430	430	510	510
LITHIUM HYDROXIDE (FASTMARKETS) FUT (LTH)								
LTH	Spec	Mth 1	New	USD			1,540	1,400
LTH	Hedge/Member	Mth 1	New	USD			1,400	1,400
LTH	Spec	Mths 2-3	New	USD			1,540	1,400
LTH	Hedge/Member	Mths 2-3	New	USD			1,400	1,400
LTH	Spec	Mths 4-6	New	USD			1,540	1,400
LTH	Hedge/Member	Mths 4-6	New	USD			1,400	1,400
LTH	Spec	Mths 7+	New	USD			1,540	1,400
LTH	Hedge/Member	Mths 7+	New	USD			1,400	1,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Outright Rates

NATURAL GAS - Outright Rates

DUTCH TTF NATURAL GAS CAL MONTH FUT (TTF)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
TTF	Spec	Mnth 1	Increase	EUR	1,430	1,300	1,650	1,500
TTF	Hedge/Member	Mnth 1	Increase	EUR	1,300	1,300	1,500	1,500
TTF	Spec	Mnth 2	Increase	EUR	1,265	1,150	1,430	1,300
TTF	Hedge/Member	Mnth 2	Increase	EUR	1,150	1,150	1,300	1,300
TTF	Spec	Mnth 3	Increase	EUR	935	850	1,155	1,050
TTF	Hedge/Member	Mnth 3	Increase	EUR	850	850	1,050	1,050
TTF	Spec	Mnths 4-9	Increase	EUR	770	700	990	900
TTF	Hedge/Member	Mnths 4-9	Increase	EUR	700	700	900	900

DUTCH TTF NATURAL GAS FRONT MTH FUT (TTE)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
TTE	Spec	Mnth 1	Increase	USD	6,490	5,900	8,030	7,300
TTE	Hedge/Member	Mnth 1	Increase	USD	5,900	5,900	7,300	7,300
TTE	Spec	Mnths 2	Increase	USD	5,940	5,400	7,040	6,400
TTE	Hedge/Member	Mnths 2	Increase	USD	5,400	5,400	6,400	6,400
TTE	Spec	Mnths 3	Increase	USD	3,740	3,400	5,390	4,900
TTE	Hedge/Member	Mnths 3	Increase	USD	3,400	3,400	4,900	4,900

LNG JAPAN KOREA MARKER PLATTS FUT (JKM)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
JKM	Spec	Month 1	Increase	USD	8,250	7,500	8,800	8,000
JKM	Hedge/Member	Month 1	Increase	USD	7,500	7,500	8,000	8,000
JKM	Spec	Month 2	Increase	USD	7,150	6,500	7,700	7,000
JKM	Hedge/Member	Month 2	Increase	USD	6,500	6,500	7,000	7,000
JKM	Spec	Month 3	Increase	USD	6,050	5,500	6,600	6,000
JKM	Hedge/Member	Month 3	Increase	USD	5,500	5,500	6,000	6,000
JKM	Spec	Mnths 4-5	Increase	USD	6,050	5,500	6,600	6,000
JKM	Hedge/Member	Mnths 4-5	Increase	USD	5,500	5,500	6,000	6,000
JKM	Spec	Mnths 6-11	Increase	USD	4,950	4,500	5,500	5,000
JKM	Hedge/Member	Mnths 6-11	Increase	USD	4,500	4,500	5,000	5,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
LNG JAPAN KOREA MRK YEN FUT (JKY)								
JKY	Spec	Month 1	Increase	JPY	907,500	825,000	957,000	870,000
JKY	Hedge/Member	Month 1	Increase	JPY	825,000	825,000	870,000	870,000
JKY	Spec	Month 2	Increase	JPY	770,000	700,000	836,000	760,000
JKY	Hedge/Member	Month 2	Increase	JPY	700,000	700,000	760,000	760,000
JKY	Spec	Month 3	Increase	JPY	660,000	600,000	715,000	650,000
JKY	Hedge/Member	Month 3	Increase	JPY	600,000	600,000	650,000	650,000
JKY	Spec	Mnths 4-5	Increase	JPY	660,000	600,000	715,000	650,000
JKY	Hedge/Member	Mnths 4-5	Increase	JPY	600,000	600,000	650,000	650,000
JKY	Spec	Mnths 6-11	Increase	JPY	539,000	490,000	594,000	540,000
JKY	Hedge/Member	Mnths 6-11	Increase	JPY	490,000	490,000	540,000	540,000

PETROLEUM CRACKS AND SPREADS - Outright Rates

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
1%FUELOIL FOBNWE VS 3.5%BARG FOB BA (88)								
88	Spec		Decrease	USD	20,350	18,500	14,300	13,000
88	Hedge/Member		Decrease	USD	18,500	18,500	13,000	13,000
3.5% FUEL OIL MED VS FOB BALMO FUT (CMB)								
CMB	Spec		Decrease	USD	6,600	6,000	4,620	4,200
CMB	Hedge/Member		Decrease	USD	6,000	6,000	4,200	4,200
CMB	Spec		Decrease	USD	6,600	6,000	4,620	4,200
CMB	Hedge/Member		Decrease	USD	6,000	6,000	4,200	4,200
3.5% FUELOIL FOB MED CRK SPD BALMO (FOA)								
FOA	Spec		Increase	USD	3,850	3,500	5,060	4,600
FOA	Hedge/Member		Increase	USD	3,500	3,500	4,600	4,600
DIESEL 10P BRG FOB ARA V LSG BALMO (7X)								
7X	Spec		Increase	USD	2,090	1,900	2,860	2,600
7X	Hedge/Member		Increase	USD	1,900	1,900	2,600	2,600
GLFCST JET PLATTS BALMO FUT (1M)								
1M	Spec		Increase	USD	963	875	1,210	1,100
1M	Hedge/Member		Increase	USD	875	875	1,100	1,100
SPORE FUELOIL 180CST 6.35 DUBAI BLM (STB)								
STB	Spec		Increase	USD	3,410	3,100	4,070	3,700
STB	Hedge/Member		Increase	USD	3,100	3,100	3,700	3,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
REFINED PRODUCTS - Outright Rates								
ARG PRPNE FAR EAST IDX V JAP BALMO (3NB)								
3NB	Spec		Increase	USD	27,500	25,000	37,400	34,000
3NB	Hedge/Member		Increase	USD	25,000	25,000	34,000	34,000
EURO 1% FUEL OIL NEW BALMO (KX)								
KX	Spec	Tier 2	Decrease	USD	44,000	40,000	35,200	32,000
KX	Hedge/Member	Tier 2	Decrease	USD	40,000	40,000	32,000	32,000
EURO MARINE FUEL 0.5% PLATTS BALMO (R5B)								
R5B	Spec		Increase	USD	41,250	37,500	48,400	44,000
R5B	Hedge/Member		Increase	USD	37,500	37,500	44,000	44,000
GAS EUROBOB NON OXY (ARGUS) BALMO (GNB)								
GNB	Spec	Mnths 2+	Decrease	USD	46,750	42,500	40,700	37,000
GNB	Hedge/Member	Mnths 2+	Decrease	USD	42,500	42,500	37,000	37,000
GASOIL 0.1% CIF NW BALMO FUT (B7)								
B7	Spec		Increase	USD	30,800	28,000	34,100	31,000
B7	Hedge/Member		Increase	USD	28,000	28,000	31,000	31,000
GASOIL0.1%BRGS FOB ARA(PLATTS)BALMO (B8)								
B8	Spec		Increase	USD	33,000	30,000	41,800	38,000
B8	Hedge/Member		Increase	USD	30,000	30,000	38,000	38,000
MINEUR1%FUEL OIL CRGO FOB NWE BALM0 (0C)								
0C	Spec	Tier 2	Decrease	USD	4,400	4,000	3,520	3,200
0C	Hedge/Member	Tier 2	Decrease	USD	4,000	4,000	3,200	3,200
MINI EURO MARINE FUEL 0.5% BALMO (RBM)								
RBM	Spec		Increase	USD	4,125	3,750	4,840	4,400
RBM	Hedge/Member		Increase	USD	3,750	3,750	4,400	4,400
MINI SINGP FUELOIL 180 BALMO FUT (5L)								
5L	Spec	Mnths 2+	Decrease	USD	4,675	4,250	3,630	3,300
5L	Hedge/Member	Mnths 2+	Decrease	USD	4,250	4,250	3,300	3,300
NY (ARGUS) VS. NY HRBR ULSD BALMO (ULB)								
ULB	Spec		Increase	USD	550	500	770	700
ULB	Hedge/Member		Increase	USD	500	500	700	700
SING FOB MFUEL 0.5%VS EUR FOB MFUEL (SRB)								
SRB	Spec		Increase	USD	11,220	10,200	14,850	13,500
SRB	Hedge/Member		Increase	USD	10,200	10,200	13,500	13,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SINGAPORE 180CST BALMO (BS)								
BS	Spec	Mnths 2+	Decrease	USD	46,750	42,500	36,300	33,000
BS	Hedge/Member	Mnths 2+	Decrease	USD	42,500	42,500	33,000	33,000
SINGAPORE GASOIL 500 PPM (PLATTS) B (GHB)								
GHB	Spec	Tier 2	Decrease	USD	5,060	4,600	4,400	4,000
GHB	Hedge/Member	Tier 2	Decrease	USD	4,600	4,600	4,000	4,000
SINGAPORE MOGAS 95 BALMO FUT (W0)								
W0	Spec		Increase	USD	5,500	5,000	6,600	6,000
W0	Hedge/Member		Increase	USD	5,000	5,000	6,000	6,000
SINGAPORE MOGAS 97 BALMO FUT (Y0)								
Y0	Spec		Increase	USD	5,610	5,100	6,600	6,000
Y0	Hedge/Member		Increase	USD	5,100	5,100	6,000	6,000
SINGAPORE NAPHTHA BALMO (KU)								
KU	Spec	Tier 1	Increase	USD	4,840	4,400	5,720	5,200
KU	Hedge/Member	Tier 1	Increase	USD	4,400	4,400	5,200	5,200
USGC MARINE FUEL 0.5% (PLATTS) (MT) (BPU)								
BPU	Spec		Increase	USD	11,660	10,600	15,400	14,000
BPU	Hedge/Member		Increase	USD	10,600	10,600	14,000	14,000
USGC MARINE FUEL 0.5% (PLATTS) BALM (H5B)								
H5B	Spec		Increase	USD	6,600	6,000	7,700	7,000
H5B	Hedge/Member		Increase	USD	6,000	6,000	7,000	7,000
USGC MARINE FUEL 0.5% (PLATTS) VS. (HGB)								
HGB	Spec		Increase	USD	3,080	2,800	3,520	3,200
HGB	Hedge/Member		Increase	USD	2,800	2,800	3,200	3,200
USGC MARINE FUEL 0.5% BARGES (PLATT (UPB)								
UPB	Spec		Increase	USD	41,910	38,100	48,895	44,450
UPB	Hedge/Member		Increase	USD	38,100	38,100	44,450	44,450

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
AGRICULTURE - Intra Spreads								
(USD MALAY CRD PALM OIL BULLET FUT)								
CPV	Spec		New	USD			743	675
CPV	Hedge/Member		New	USD			675	675
Month 1 vs Month 2 (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	1,375	1,250	1,458	1,325
LC	Hedge/Member		Increase	USD	1,250	1,250	1,325	1,325
Month 1 vs Month 2 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	1,375	1,250	1,458	1,325
LET	Hedge/Member		Increase	USD	1,250	1,250	1,325	1,325
Month 1 vs Month 4 (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	1,485	1,350	1,540	1,400
LC	Hedge/Member		Increase	USD	1,350	1,350	1,400	1,400
Month 1 vs Month 4 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	1,485	1,350	1,540	1,400
LET	Hedge/Member		Increase	USD	1,350	1,350	1,400	1,400
Month 1 vs Month 6 (LEAN HOG FUTURES)								
LN	Spec		Increase	USD	1,760	1,600	1,980	1,800
LN	Hedge/Member		Increase	USD	1,600	1,600	1,800	1,800
Month 1 vs Month 6 (LEAN HOGS TRADE AT SETTLE)								
HET	Spec		Increase	USD	1,760	1,600	1,980	1,800
HET	Hedge/Member		Increase	USD	1,600	1,600	1,800	1,800
Month 1 vs Month 6 (PORK CUTOUT FUTURE)								
PRK	Spec		Increase	USD	1,760	1,600	1,980	1,800
PRK	Hedge/Member		Increase	USD	1,600	1,600	1,800	1,800
Month 1 vs Month 7 (LEAN HOG FUTURES)								
LN	Spec		Increase	USD	1,540	1,400	1,980	1,800
LN	Hedge/Member		Increase	USD	1,400	1,400	1,800	1,800
Month 1 vs Month 7 (LEAN HOGS TRADE AT SETTLE)								
HET	Spec		Increase	USD	1,540	1,400	1,980	1,800
HET	Hedge/Member		Increase	USD	1,400	1,400	1,800	1,800
Month 1 vs Month 7 (PORK CUTOUT FUTURE)								
PRK	Spec		Increase	USD	1,540	1,400	1,980	1,800
PRK	Hedge/Member		Increase	USD	1,400	1,400	1,800	1,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 1 vs Months 8+ (LEAN HOG FUTURES)								
LN	Spec		Increase	USD	1,870	1,700	1,980	1,800
LN	Hedge/Member		Increase	USD	1,700	1,700	1,800	1,800
Month 1 vs Months 8+ (LEAN HOGS TRADE AT SETTLE)								
HET	Spec		Increase	USD	1,870	1,700	1,980	1,800
HET	Hedge/Member		Increase	USD	1,700	1,700	1,800	1,800
Month 1 vs Months 8+ (PORK CUTOUT FUTURE)								
PRK	Spec		Increase	USD	1,870	1,700	1,980	1,800
PRK	Hedge/Member		Increase	USD	1,700	1,700	1,800	1,800
Month 2 vs Month 3 (LEAN HOG FUTURES)								
LN	Spec		Decrease	USD	1,320	1,200	1,100	1,000
LN	Hedge/Member		Decrease	USD	1,200	1,200	1,000	1,000
Month 2 vs Month 3 (LEAN HOGS TRADE AT SETTLE)								
HET	Spec		Decrease	USD	1,320	1,200	1,100	1,000
HET	Hedge/Member		Decrease	USD	1,200	1,200	1,000	1,000
Month 2 vs Month 3 (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	660	600	825	750
LC	Hedge/Member		Increase	USD	600	600	750	750
Month 2 vs Month 3 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	660	600	825	750
LET	Hedge/Member		Increase	USD	600	600	750	750
Month 2 vs Month 3 (PORK CUTOUT FUTURE)								
PRK	Spec		Decrease	USD	1,320	1,200	1,100	1,000
PRK	Hedge/Member		Decrease	USD	1,200	1,200	1,000	1,000
Month 2 vs Month 7 (LEAN HOG FUTURES)								
LN	Spec		Increase	USD	1,210	1,100	1,595	1,450
LN	Hedge/Member		Increase	USD	1,100	1,100	1,450	1,450
Month 2 vs Month 7 (LEAN HOGS TRADE AT SETTLE)								
HET	Spec		Increase	USD	1,210	1,100	1,595	1,450
HET	Hedge/Member		Increase	USD	1,100	1,100	1,450	1,450
Month 2 vs Month 7 (PORK CUTOUT FUTURE)								
PRK	Spec		Increase	USD	1,210	1,100	1,595	1,450
PRK	Hedge/Member		Increase	USD	1,100	1,100	1,450	1,450

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 3 vs Month 7 (LEAN HOG FUTURES)								
LN	Spec		Increase	USD	1,155	1,050	1,320	1,200
LN	Hedge/Member		Increase	USD	1,050	1,050	1,200	1,200
Month 3 vs Month 7 (LEAN HOGS TRADE AT SETTLE)								
HET	Spec		Increase	USD	1,155	1,050	1,320	1,200
HET	Hedge/Member		Increase	USD	1,050	1,050	1,200	1,200
Month 3 vs Month 7 (PORK CUTOUT FUTURE)								
PRK	Spec		Increase	USD	1,155	1,050	1,320	1,200
PRK	Hedge/Member		Increase	USD	1,050	1,050	1,200	1,200
Month 4 vs Month 7 (LEAN HOG FUTURES)								
LN	Spec		Increase	USD	770	700	1,045	950
LN	Hedge/Member		Increase	USD	700	700	950	950
Month 4 vs Month 7 (LEAN HOGS TRADE AT SETTLE)								
HET	Spec		Increase	USD	770	700	1,045	950
HET	Hedge/Member		Increase	USD	700	700	950	950
Month 4 vs Month 7 (PORK CUTOUT FUTURE)								
PRK	Spec		Increase	USD	770	700	1,045	950
PRK	Hedge/Member		Increase	USD	700	700	950	950
Month 4 vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	1,100	1,000	880	800
LC	Hedge/Member		Decrease	USD	1,000	1,000	800	800
Month 4 vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	1,100	1,000	880	800
LET	Hedge/Member		Decrease	USD	1,000	1,000	800	800
Month 5 vs Month 7 (LEAN HOG FUTURES)								
LN	Spec		Increase	USD	715	650	880	800
LN	Hedge/Member		Increase	USD	650	650	800	800
Month 5 vs Month 7 (LEAN HOGS TRADE AT SETTLE)								
HET	Spec		Increase	USD	715	650	880	800
HET	Hedge/Member		Increase	USD	650	650	800	800
Month 5 vs Month 7 (PORK CUTOUT FUTURE)								
PRK	Spec		Increase	USD	715	650	880	800
PRK	Hedge/Member		Increase	USD	650	650	800	800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 5 vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	1,100	1,000	880	800
LC	Hedge/Member		Decrease	USD	1,000	1,000	800	800
Month 5 vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	1,100	1,000	880	800
LET	Hedge/Member		Decrease	USD	1,000	1,000	800	800
Months 6+ vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	1,100	1,000	880	800
LC	Hedge/Member		Decrease	USD	1,000	1,000	800	800
Months 6+ vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	1,100	1,000	880	800
LET	Hedge/Member		Decrease	USD	1,000	1,000	800	800
Tier 1 vs Tier 2 (FOB SANTOS SOYBEANS FINANCIALLY SET)								
SAS	Spec		Increase	USD	2,195	1,995	2,860	2,600
SAS	Hedge/Member		Increase	USD	1,995	1,995	2,600	2,600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Intra Spreads

EQUITY INDEX - Intra Spreads

Dow Jones (CBOT) (11) - Month 1 vs 2 (BTIC ON E-MINI DJIA FUTURES)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
YMT	Spec		Decrease	USD	1,650	1,500	1,320	1,200
YMT	Hedge/Member		Decrease	USD	1,500	1,500	1,200	1,200

Dow Jones (CBOT) (11) - Month 1 vs 2 (E-MINI DJIA FUTURES MARKER)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
YMI	Spec		Decrease	USD	1,650	1,500	1,320	1,200
YMI	Hedge/Member		Decrease	USD	1,500	1,500	1,200	1,200

Dow Jones (CBOT) (11) - Month 1 vs 2 (E-MINI DOW ($5) FUTURES)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
YM	Spec		Decrease	USD	1,650	1,500	1,320	1,200
YM	Hedge/Member		Decrease	USD	1,500	1,500	1,200	1,200

Dow Jones (CBOT) (11) - Month 1 vs 2 (MICRO E-MINI DOW JONES AVE FUTURE)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
MYM	Spec		Decrease	USD	165	150	132	120
MYM	Hedge/Member		Decrease	USD	150	150	120	120

Dow Jones (CBOT) (11) - Month 1 vs 3 (BTIC ON E-MINI DJIA FUTURES)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
YMT	Spec		Decrease	USD	2,200	2,000	1,650	1,500
YMT	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500

Dow Jones (CBOT) (11) - Month 1 vs 3 (E-MINI DJIA FUTURES MARKER)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
YMI	Spec		Decrease	USD	2,200	2,000	1,650	1,500
YMI	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500

Dow Jones (CBOT) (11) - Month 1 vs 3 (E-MINI DOW ($5) FUTURES)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
YM	Spec		Decrease	USD	2,200	2,000	1,650	1,500
YM	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500

Dow Jones (CBOT) (11) - Month 1 vs 3 (MICRO E-MINI DOW JONES AVE FUTURE)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
MYM	Spec		Decrease	USD	220	200	165	150
MYM	Hedge/Member		Decrease	USD	200	200	150	150

Dow Jones (CBOT) (11) - Month 1 vs 4 (BTIC ON E-MINI DJIA FUTURES)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
YMT	Spec		Decrease	USD	2,475	2,250	1,925	1,750
YMT	Hedge/Member		Decrease	USD	2,250	2,250	1,750	1,750

Dow Jones (CBOT) (11) - Month 1 vs 4 (E-MINI DJIA FUTURES MARKER)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
YMI	Spec		Decrease	USD	2,475	2,250	1,925	1,750
YMI	Hedge/Member		Decrease	USD	2,250	2,250	1,750	1,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Dow Jones (CBOT) (11) - Month 1 vs 4 (E-MINI DOW ($5) FUTURES)								
YM	Spec		Decrease	USD	2,475	2,250	1,925	1,750
YM	Hedge/Member		Decrease	USD	2,250	2,250	1,750	1,750
Dow Jones (CBOT) (11) - Month 1 vs 4 (MICRO E-MINI DOW JONES AVE FUTURE)								
MYM	Spec		Decrease	USD	248	225	193	175
MYM	Hedge/Member		Decrease	USD	225	225	175	175
Nasdaq-100 Index (ND) - Month 1 vs 2 (BTIC ON E-MINI NASDAQ-100 FUTURES)								
NQT	Spec		Increase	USD	1,210	1,100	1,980	1,800
NQT	Hedge/Member		Increase	USD	1,100	1,100	1,800	1,800
Nasdaq-100 Index (ND) - Month 1 vs 2 (E-MINI NASDAQ 100 FUTURES)								
NQ	Spec		Increase	USD	1,210	1,100	1,980	1,800
NQ	Hedge/Member		Increase	USD	1,100	1,100	1,800	1,800
Nasdaq-100 Index (ND) - Month 1 vs 2 (E-MINI NASDAQ-100 FUT TACO MARKER)								
QQ1	Spec		Increase	USD	1,210	1,100	1,980	1,800
QQ1	Hedge/Member		Increase	USD	1,100	1,100	1,800	1,800
Nasdaq-100 Index (ND) - Month 1 vs 2 (E-MINI NASDAQ-100 FUTURES MARKER)								
NQI	Spec		Increase	USD	1,210	1,100	1,980	1,800
NQI	Hedge/Member		Increase	USD	1,100	1,100	1,800	1,800
Nasdaq-100 Index (ND) - Month 1 vs 2 (MICRO E-MINI NASDAQ 100 FUTURE)								
MNQ	Spec		Increase	USD	121	110	198	180
MNQ	Hedge/Member		Increase	USD	110	110	180	180
Nasdaq-100 Index (ND) - Month 1 vs 2 (TACO ON E-MINI NASDAQ-100 FUTURES)								
NQQ	Spec		Increase	USD	1,210	1,100	1,980	1,800
NQQ	Hedge/Member		Increase	USD	1,100	1,100	1,800	1,800
Nasdaq-100 Index (ND) - Month 1 vs 3 (BTIC ON E-MINI NASDAQ-100 FUTURES)								
NQT	Spec		Decrease	USD	2,915	2,650	1,980	1,800
NQT	Hedge/Member		Decrease	USD	2,650	2,650	1,800	1,800
Nasdaq-100 Index (ND) - Month 1 vs 3 (E-MINI NASDAQ 100 FUTURES)								
NQ	Spec		Decrease	USD	2,915	2,650	1,980	1,800
NQ	Hedge/Member		Decrease	USD	2,650	2,650	1,800	1,800
Nasdaq-100 Index (ND) - Month 1 vs 3 (E-MINI NASDAQ-100 FUT TACO MARKER)								
QQ1	Spec		Decrease	USD	2,915	2,650	1,980	1,800
QQ1	Hedge/Member		Decrease	USD	2,650	2,650	1,800	1,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Nasdaq-100 Index (ND) - Month 1 vs 3 (E-MINI NASDAQ-100 FUTURES MARKER)								
NQI	Spec		Decrease	USD	2,915	2,650	1,980	1,800
NQI	Hedge/Member		Decrease	USD	2,650	2,650	1,800	1,800
Nasdaq-100 Index (ND) - Month 1 vs 3 (MICRO E-MINI NASDAQ 100 FUTURE)								
MNQ	Spec		Decrease	USD	292	265	198	180
MNQ	Hedge/Member		Decrease	USD	265	265	180	180
Nasdaq-100 Index (ND) - Month 1 vs 3 (TACO ON E-MINI NASDAQ-100 FUTURES)								
NQQ	Spec		Decrease	USD	2,915	2,650	1,980	1,800
NQQ	Hedge/Member		Decrease	USD	2,650	2,650	1,800	1,800
S&P 500 Annual Dividend Index Future: Months 10-11 vs Months 10-11 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Spec		Decrease	USD	1,100	1,000	770	700
SDA	Hedge/Member		Decrease	USD	1,000	1,000	700	700
S&P 500 Annual Dividend Index Future: Months 1-3 vs Months 10-11 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Spec		Decrease	USD	2,200	2,000	1,540	1,400
SDA	Hedge/Member		Decrease	USD	2,000	2,000	1,400	1,400
S&P 500 Annual Dividend Index Future: Months 1-3 vs Months 1-3 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Spec		Decrease	USD	605	550	424	385
SDA	Hedge/Member		Decrease	USD	550	550	385	385
S&P 500 Annual Dividend Index Future: Months 1-3 vs Months 4-6 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Spec		Decrease	USD	1,375	1,250	963	875
SDA	Hedge/Member		Decrease	USD	1,250	1,250	875	875
S&P 500 Annual Dividend Index Future: Months 1-3 vs Months 7-9 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Spec		Decrease	USD	1,760	1,600	1,232	1,120
SDA	Hedge/Member		Decrease	USD	1,600	1,600	1,120	1,120
S&P 500 Annual Dividend Index Future: Months 4-6 vs Months 10-11 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Spec		Decrease	USD	2,090	1,900	1,485	1,350
SDA	Hedge/Member		Decrease	USD	1,900	1,900	1,350	1,350
S&P 500 Annual Dividend Index Future: Months 4-6 vs Months 4-6 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Spec		Decrease	USD	1,265	1,150	880	800
SDA	Hedge/Member		Decrease	USD	1,150	1,150	800	800
S&P 500 Annual Dividend Index Future: Months 4-6 vs Months 7-9 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Spec		Decrease	USD	1,540	1,400	1,100	1,000
SDA	Hedge/Member		Decrease	USD	1,400	1,400	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
S&P 500 Annual Dividend Index Future: Months 7-9 vs Months 10-11 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Spec		Decrease	USD	1,210	1,100	825	750
SDA	Hedge/Member		Decrease	USD	1,100	1,100	750	750
S&P 500 Annual Dividend Index Future: Months 7-9 vs Months 7-9 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Spec		Decrease	USD	1,100	1,000	770	700
SDA	Hedge/Member		Decrease	USD	1,000	1,000	700	700
S&P 500 QUARTERLY DIVIDEND INDEX (SDI) - Months 1 vs 2 (S&P 500 QUARLY DIVIDEND INDEX FUT)								
SDI	Spec		Decrease	USD	2,530	2,300	1,760	1,600
SDI	Hedge/Member		Decrease	USD	2,300	2,300	1,600	1,600
S&P 500 QUARTERLY DIVIDEND INDEX (SDI) - Months 1 vs 3 (S&P 500 QUARLY DIVIDEND INDEX FUT)								
SDI	Spec		Decrease	USD	2,970	2,700	2,090	1,900
SDI	Hedge/Member		Decrease	USD	2,700	2,700	1,900	1,900
S&P 500 QUARTERLY DIVIDEND INDEX (SDI) - Months 1 vs 4 (S&P 500 QUARLY DIVIDEND INDEX FUT)								
SDI	Spec		Decrease	USD	2,970	2,700	2,090	1,900
SDI	Hedge/Member		Decrease	USD	2,700	2,700	1,900	1,900
S&P 500 QUARTERLY DIVIDEND INDEX (SDI) - Months 1 vs 5 (S&P 500 QUARLY DIVIDEND INDEX FUT)								
SDI	Spec		Decrease	USD	3,080	2,800	2,090	1,900
SDI	Hedge/Member		Decrease	USD	2,800	2,800	1,900	1,900
S&P 500 QUARTERLY DIVIDEND INDEX (SDI) - Months 2 vs 3 (S&P 500 QUARLY DIVIDEND INDEX FUT)								
SDI	Spec		Decrease	USD	2,970	2,700	2,090	1,900
SDI	Hedge/Member		Decrease	USD	2,700	2,700	1,900	1,900
S&P 500 QUARTERLY DIVIDEND INDEX (SDI) - Months 2 vs 4 (S&P 500 QUARLY DIVIDEND INDEX FUT)								
SDI	Spec		Decrease	USD	2,970	2,700	2,090	1,900
SDI	Hedge/Member		Decrease	USD	2,700	2,700	1,900	1,900
S&P 500 QUARTERLY DIVIDEND INDEX (SDI) - Months 2 vs 5 (S&P 500 QUARLY DIVIDEND INDEX FUT)								
SDI	Spec		Decrease	USD	2,970	2,700	2,090	1,900
SDI	Hedge/Member		Decrease	USD	2,700	2,700	1,900	1,900
S&P 500 QUARTERLY DIVIDEND INDEX (SDI) - Months 3 vs 4 (S&P 500 QUARLY DIVIDEND INDEX FUT)								
SDI	Spec		Decrease	USD	2,970	2,700	2,090	1,900
SDI	Hedge/Member		Decrease	USD	2,700	2,700	1,900	1,900
S&P 500 QUARTERLY DIVIDEND INDEX (SDI) - Months 3 vs 5 (S&P 500 QUARLY DIVIDEND INDEX FUT)								
SDI	Spec		Decrease	USD	2,970	2,700	2,090	1,900
SDI	Hedge/Member		Decrease	USD	2,700	2,700	1,900	1,900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
S&P 500 QUARTERLY DIVIDEND INDEX (SDI) - Months 4 vs 5 (S&P 500 QUARLY DIVIDEND INDEX FUT)								
SDI	Spec		Decrease	USD	2,970	2,700	2,090	1,900
SDI	Hedge/Member		Decrease	USD	2,700	2,700	1,900	1,900

Splitting Methodology					
CC	**Contract Name**	**Leg 1**	**Leg 2**	**Current Modsplit**	**New Modsplit**
7E	Argus Propane Far East Index Futures	S7E		None	Modsplit
PS	European Propane CIF ARA (Argus) Futures	SPS		None	Modsplit
91	Argus Propane Far East Index vs. European Propane CIF ARA (Argus) Futures	S7E	SPS	None	Modsplit
EPN	European Propane CIF ARA (Argus) vs. Naphtha Cargoes CIF NWE (Platts) Futures	SPS	SUN	None	Modsplit
32	European Propane CIF ARA (Argus) BALMO Futures	SPS		None	Modsplit
MAE	Mini Argus Propane Far East Index Futures	S7E		None	Modsplit
MPS	Mini European Propane CIF ARA (Argus) Futures	SPS		None	Modsplit

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-LTH Month(s) 01 vs Month(s) 02-03 (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Spec		New	USD			1,540	1,400
LTH	Hedge/Member		New	USD			1,400	1,400
CX-LTH Month(s) 01 vs Month(s) 04-06 (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Spec		New	USD			1,540	1,400
LTH	Hedge/Member		New	USD			1,400	1,400
CX-LTH Month(s) 01 vs Month(s) 07+ (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Spec		New	USD			1,540	1,400
LTH	Hedge/Member		New	USD			1,400	1,400
CX-LTH Month(s) 02-03 vs Month(s) 02-03 (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Spec		New	USD			1,540	1,400
LTH	Hedge/Member		New	USD			1,400	1,400
CX-LTH Month(s) 02-03 vs Month(s) 04-06 (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Spec		New	USD			1,540	1,400
LTH	Hedge/Member		New	USD			1,400	1,400
CX-LTH Month(s) 02-03 vs Month(s) 07+ (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Spec		New	USD			1,540	1,400
LTH	Hedge/Member		New	USD			1,400	1,400
CX-LTH Month(s) 04-06 vs Month(s) 04-06 (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Spec		New	USD			1,540	1,400
LTH	Hedge/Member		New	USD			1,400	1,400
CX-LTH Month(s) 04-06 vs Month(s) 07+ (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Spec		New	USD			1,540	1,400
LTH	Hedge/Member		New	USD			1,400	1,400
CX-LTH Month(s) 07+ vs Month(s) 07+ (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Spec		New	USD			1,540	1,400
LTH	Hedge/Member		New	USD			1,400	1,400
Months 01 vs. Months 02-03 (COBALT METAL (FASTMARKETS) FUT)								
COB	Spec		Increase	USD	880	800	1,320	1,200
COB	Hedge/Member		Increase	USD	800	800	1,200	1,200
Months 01 vs. Months 04-06 (COBALT METAL (FASTMARKETS) FUT)								
COB	Spec		Increase	USD	1,320	1,200	1,980	1,800
COB	Hedge/Member		Increase	USD	1,200	1,200	1,800	1,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Months 01 vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)								
COB	Spec		Increase	USD	1,320	1,200	1,980	1,800
COB	Hedge/Member		Increase	USD	1,200	1,200	1,800	1,800
Months 02-03 vs. Months 02-03 (COBALT METAL (FASTMARKETS) FUT)								
COB	Spec		Increase	USD	1,320	1,200	1,980	1,800
COB	Hedge/Member		Increase	USD	1,200	1,200	1,800	1,800
Months 02-03 vs. Months 04-06 (COBALT METAL (FASTMARKETS) FUT)								
COB	Spec		Increase	USD	1,320	1,200	1,980	1,800
COB	Hedge/Member		Increase	USD	1,200	1,200	1,800	1,800
Months 02-03 vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)								
COB	Spec		Increase	USD	1,320	1,200	1,980	1,800
COB	Hedge/Member		Increase	USD	1,200	1,200	1,800	1,800
Months 04-06 vs. Months 04-06 (COBALT METAL (FASTMARKETS) FUT)								
COB	Spec		Increase	USD	1,320	1,200	1,980	1,800
COB	Hedge/Member		Increase	USD	1,200	1,200	1,800	1,800
Months 04-06 vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)								
COB	Spec		Increase	USD	1,320	1,200	1,980	1,800
COB	Hedge/Member		Increase	USD	1,200	1,200	1,800	1,800
Months 07+ vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)								
COB	Spec		Increase	USD	1,320	1,200	1,980	1,800
COB	Hedge/Member		Increase	USD	1,200	1,200	1,800	1,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
AGRICULTURE - Inter-commodity Spread Rates						
Super Scan: CPC vs. CPO vs CPV						
Spread Credit Rate	New	-1:-1:-1			100%	100%
CRUDE OIL - Inter-commodity Spread Rates						
(NY-HCL - CME) vs (NY-1N - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	78%	78%
(NY-HCL - CME) vs (NY-UV - CME)						
Spread Credit Rate	Increase	+19:-3	72%	72%	80%	80%
(NY-R5F - CME) vs (NY-CL - CME)						
Spread Credit Rate	Increase	+3:-19	70%	70%	80%	80%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs GULF COAST JET (PLATTS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-ME - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs GULF COAST JET (PLATTS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-ME - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%
BZ 2+ vs JCY 3+						
Spread Credit Rate	Decrease	+1:-1	74%	74%	62%	62%
BZ Mnths 2+ vs JCC Mnths 3+						
Spread Credit Rate	Decrease	+1:-1	67%	67%	62%	62%
DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	80%	80%
DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	75%	75%
EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+3:-19	70%	70%	80%	80%
EUROPEAN FOB RDAM MARINE FUEL 0.5% BARGES (PLATTS) FUTURES (NY-R5F - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Increase	+3:-19	76%	76%	80%	80%
GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+1:-1	74%	74%	80%	80%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
Spread Credit Rate	Increase	+19:-3	72%	72%	78%	78%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL, CS, WS) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% SULFUR (PLATTS) SWAP (NYM-MM - CME)						
Spread Credit Rate	Increase	+1:-1	75%	75%	85%	85%
MF 2+ vs JCY 3+						
Spread Credit Rate	Decrease	+1:-1	60%	60%	56%	56%
MF Mnths 2+ vs JCC Mnths 3+						
Spread Credit Rate	Decrease	+1:-1	60%	60%	56%	56%
NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+1:-1	72%	72%	82%	82%
OC 2+ vs JCY 3+						
Spread Credit Rate	Decrease	+1:-1	74%	74%	60%	60%
OQ Mnths 2+ vs JCC Mnths 3+						
Spread Credit Rate	Decrease	+1:-1	67%	67%	60%	60%
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+3:-19	65%	65%	77%	77%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Increase	+1:-1	73%	73%	82%	82%
USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Increase	+1:-1	78%	78%	82%	82%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
DME Products - Inter-commodity Spread Rates						
GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+2:-15	59%	59%	70%	70%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+2:-15	65%	65%	70%	70%
OC 2+ vs JCY 3+						
Spread Credit Rate	Decrease	+1:-1	74%	74%	60%	60%
OMAN CRUDE OIL (NY-OQ - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
OMAN CRUDE OIL (NY-OQ - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	70%	70%
OQ Mnths 2+ vs JCC Mnths 3+						
Spread Credit Rate	Decrease	+1:-1	67%	67%	60%	60%
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+3:-19	60%	60%	70%	70%
PETROLEUM CRACKS AND SPREADS - Inter-commodity Spread Rates						
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs GULF COAST JET (PLATTS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-ME - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs GULF COAST JET (PLATTS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-ME - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
REFINED PRODUCTS - Inter-commodity Spread Rates						
(NY-HCL - CME) vs (NY-1N - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	78%	78%
(NY-HCL - CME) vs (NY-UV - CME)						
Spread Credit Rate	Increase	+19:-3	72%	72%	80%	80%
(NY-R5F - CME) vs (NY-CL - CME)						
Spread Credit Rate	Increase	+3:-19	70%	70%	80%	80%
(NY-R5F - CME) vs (NY-HO - CME)						
Spread Credit Rate	Increase	+3:-19	77%	77%	85%	85%
(NY-R5F - CME) vs (NY-LY - CME)						
Spread Credit Rate	Increase	+3:-19	76%	76%	83%	83%
(NY-R5F - CME) vs (NY-MF - CME)						
Spread Credit Rate	Increase	+3:-19	63%	63%	74%	74%
(NY-R5F - CME) vs (NY-UV - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	73%	73%
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-SE - CME) vs GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	62%	62%
DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	80%	80%
DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	75%	75%
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5 - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+19:-3	64%	64%	74%	74%
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5 - CME) vs GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME)						
Spread Credit Rate	Increase	+25:-3	64%	64%	74%	74%
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5 - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
EIA FLAT TAX ONHWAY DIESEL SWP (NY-A5) vs SINGAPORE 380CST FUEL OIL SWAP (NY-SE)						
Spread Credit Rate	Increase	+19:-3	60%	60%	72%	72%
EIA FLAT TAX U.S. RETAIL GASOLINE SWAP FUTURES (NY-JE - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	New	+1:-1			50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
EIA FLAT TAX U.S. RETAIL GASOLINE SWAP FUTURES (NY-JE - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+3:-19	70%	70%	80%	80%
EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	Increase	+3:-19	72%	72%	82%	82%
EUROPEAN FOB RDAM MARINE FUEL 0.5% BARGES (PLATTS) FUTURES (NY-R5F - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Increase	+3:-19	76%	76%	80%	80%
EUROPEAN FOB RDAM MARINE FUEL 0.5% BARGES (PLATTS) FUTURES (NY-R5F - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	72%	72%
EUROPEAN FOB RDAM MARINE FUEL 0.5% BARGES (PLATTS) FUTURES (NY-R5F - CME) vs USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME)						
Spread Credit Rate	Increase	+3:-19	80%	80%	86%	86%
GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME) vs EUROPEAN 1% FUEL OIL CARGOES FOB MED (PLATTS) SWAP FUTURES (NY-EFM - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	64%	64%
GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+1:-1	54%	54%	70%	70%
GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	Increase	+3:-25	65%	65%	75%	75%
GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+2:-15	59%	59%	70%	70%
GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME) vs SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME)						
Spread Credit Rate	Increase	+3:-25	60%	60%	68%	68%
GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+1:-1	74%	74%	80%	80%
GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME) vs GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME)						
Spread Credit Rate	Increase	+25:-3	66%	66%	76%	76%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME)						
Spread Credit Rate	Increase	+1:-1	61%	61%	70%	70%
GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs EIA FLAT TAX U.S. RETAIL GASOLINE SWAP FUTURES (NY-JE - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME)						
Spread Credit Rate	Increase	+25:-3	62%	62%	75%	75%
GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME)						
Spread Credit Rate	Increase	+1:-1	63%	63%	72%	72%
GULF COAST NO. 6 FUEL OIL 3.0% SULFUR (PLATTS) SWAP (NYM-MF - CME) vs NY HARBOR RBOB (BLENDSTOCK) GAS (NYM-RB, RL, RT)						
Spread Credit Rate	Increase	+1:-1	65%	65%	70%	70%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+19:-3	66%	66%	75%	75%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Increase	+1:-1	66%	66%	72%	72%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
GULF COAST ULSD CALENDAR SWAP (NY-LY) vs SINGAPORE 380CST FUEL OIL SWAP (NY-SE)						
Spread Credit Rate	Increase	+19:-3	55%	55%	68%	68%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUT (NY-JA) vs. EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUT (NY-A5)						
Spread Credit Rate	Increase	+1:-9	68%	68%	74%	74%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+1:-1	53%	53%	68%	68%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Increase	+1:-9	54%	54%	70%	70%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	Increase	+1:-9	66%	66%	77%	77%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+2:-15	65%	65%	70%	70%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	Increase	+3:-25	75%	75%	80%	80%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	Increase	+1:-1	53%	53%	70%	70%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME)						
Spread Credit Rate	Increase	+2:-15	73%	73%	80%	80%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-UN - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Increase	+1:-9	65%	65%	70%	70%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-UN - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	Increase	+1:-9	64%	64%	75%	75%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	Increase	+19:-3	72%	72%	78%	78%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL, CS, WS) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% SULFUR (PLATTS) SWAP (NYM-MM - CME)						
Spread Credit Rate	Increase	+1:-1	75%	75%	85%	85%
MF 2+ vs JCY 3+						
Spread Credit Rate	Decrease	+1:-1	60%	60%	56%	56%
MF Mnths 2+ vs JCC Mnths 3+						
Spread Credit Rate	Decrease	+1:-1	60%	60%	56%	56%
NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+1:-1	72%	72%	82%	82%
NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	Increase	+7:-1	85%	85%	90%	90%
NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME) vs GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME)						
Spread Credit Rate	Increase	+25:-3	62%	62%	76%	76%
NY 2.2% FUEL OIL (PLATTS) SWAP FUTURES (NY-MM - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME)						
Spread Credit Rate	Increase	+1:-1	61%	61%	75%	75%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
OMAN CRUDE OIL (NY-OQ - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
OMAN CRUDE OIL (NY-OQ - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	70%	70%
RBOB GASOLINE FUTURES (NY-RB - CME) vs 1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	Increase	+15:-2	50%	50%	65%	65%
SINGAPORE FOB MARINE FUEL 0.5% (PLATTS) FUTURES (NY-S5F - CME) vs USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME)						
Spread Credit Rate	Increase	+3:-19	74%	74%	82%	82%
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+3:-19	65%	65%	77%	77%
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	Increase	+1:-1	62%	62%	75%	75%
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	65%	65%
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+3:-19	60%	60%	70%	70%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs 1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	Increase	+19:-3	62%	62%	75%	75%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+19:-3	55%	55%	70%	70%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Increase	+1:-1	55%	55%	70%	70%
USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Increase	+1:-1	73%	73%	82%	82%
USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+19:-3	66%	66%	77%	77%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Increase	+1:-1	66%	66%	77%	77%
USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	Increase	+1:-1	78%	78%	83%	83%
USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Increase	+1:-1	78%	78%	82%	82%
USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Increase	+1:-1	80%	80%	85%	85%
USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	Increase	+19:-3	60%	60%	73%	73%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Short Option Minimum (SOM) Rate						
AGRICULTURE - Short Option Minimum (SOM) Rate						
USD MALAYSIAN CRUDE PALM OIL DAY 15TH BULLET FUTURES (CPV, POX) - SOM						
Clearing Member Rate		New			55.000	50.000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
AGRICULTURE - Volatility Scan (volScan) Rate						
USD MALAYSIAN CRUDE PALM OIL DAY 15TH BULLET FUTURES (CPV, POX) - volScan						
Clearing Member Rate	Mnth 1	New				25.000%
Clearing Member Rate	Mnth 2-4	New				25.000%
Clearing Member Rate	Mnth 5+	New				25.000%