



17-292

TO: Clearing Member Firms
Chief Financial Officers
Back Office Managers
Margin Managers

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, July 27, 2017

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.

The rates will be effective after the close of business on

Friday, July 28, 2017.

Current rates as of:

Thursday, July 27, 2017.

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								
CASH CHEESE FUTURES (CSC)								
CSC	Spec	Mnth 1	Decrease	USD	605	550	523	475
CSC	Hedge/Member	Mnth 1	Decrease	USD	550	550	475	475
CSC	Spec	Mnths 2-5	Decrease	USD	1,540	1,400	1,375	1,250
CSC	Hedge/Member	Mnths 2-5	Decrease	USD	1,400	1,400	1,250	1,250
CSC	Spec	Mnths 6+	Decrease	USD	825	750	743	675
CSC	Hedge/Member	Mnths 6+	Decrease	USD	750	750	675	675
CLASS III MILK FUTURES (DA)								
DA	Spec	Less than 14 days to expire	Decrease	USD	605	550	550	500
DA	Hedge/Member	Less than 14 days to expire	Decrease	USD	550	550	500	500
DA	Spec	Month 1	Decrease	USD	605	550	550	500
DA	Hedge/Member	Month 1	Decrease	USD	550	550	500	500
DA	Spec	Months 2-5	Decrease	USD	1,375	1,250	1,210	1,100
DA	Hedge/Member	Months 2-5	Decrease	USD	1,250	1,250	1,100	1,100
DA	Spec	Months 6+	Decrease	USD	770	700	688	625
DA	Hedge/Member	Months 6+	Decrease	USD	700	700	625	625
GSCI-ER 3 MTH FOWARD INX SWPS (SE3)								
SE3	Spec		Decrease	USD	1,485	1,350	1,100	1,000
SE3	Hedge/Member		Decrease	USD	1,350	1,350	1,000	1,000
MLK MID FUTURES (JQ)								
JQ	Spec	Less than 14 days to expire	Decrease	USD	303	275	275	250
JQ	Hedge/Member	Less than 14 days to expire	Decrease	USD	275	275	250	250
JQ	Spec	Month 1	Decrease	USD	303	275	275	250
JQ	Hedge/Member	Month 1	Decrease	USD	275	275	250	250
JQ	Spec	Months 2-5	Decrease	USD	688	625	605	550
JQ	Hedge/Member	Months 2-5	Decrease	USD	625	625	550	550
JQ	Spec	Months 6+	Decrease	USD	385	350	344	313
JQ	Hedge/Member	Months 6+	Decrease	USD	350	350	313	313
NONFAT DRY MILK FUTURES (NF)								
NF	Spec	Month 1-2	Decrease	USD	1,925	1,750	1,705	1,550
NF	Hedge/Member	Month 1-2	Decrease	USD	1,750	1,750	1,550	1,550
SP GSCI-ER 2 MTH FOWARD INX SWP (SE2)								
SE2	Spec		Decrease	USD	1,485	1,350	1,100	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SE2	Hedge/Member		Decrease	USD	1,350	1,350	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CRUDE OIL - Outright Rates								
DME OMAN CRUDE OIL (OQ)								
OQ	Spec	Mnth1	Decrease	USD	5,225	4,750	4,950	4,500
OQ	Hedge/Member	Mnth1	Decrease	USD	4,750	4,750	4,500	4,500
DUBAI CRUDE OIL (PLATTS) (DCD)								
DCD	Spec	Mnth 1	Decrease	USD	3,300	3,000	2,860	2,600
DCD	Hedge/Member	Mnth 1	Decrease	USD	3,000	3,000	2,600	2,600
DCD	Spec	Mnths 2-3	Decrease	USD	3,080	2,800	2,750	2,500
DCD	Hedge/Member	Mnths 2-3	Decrease	USD	2,800	2,800	2,500	2,500
DCD	Spec	Mnths 4-8	Decrease	USD	2,860	2,600	2,530	2,300
DCD	Hedge/Member	Mnths 4-8	Decrease	USD	2,600	2,600	2,300	2,300
DCD	Spec	Mnths 9+	Decrease	USD	2,750	2,500	2,420	2,200
DCD	Hedge/Member	Mnths 9+	Decrease	USD	2,500	2,500	2,200	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DUBAI CRUDE OIL CALENDAR FUT (DC)								
DC	Spec	Mnth1	Decrease	USD	3,300	3,000	2,860	2,600
DC	Hedge/Member	Mnth1	Decrease	USD	3,000	3,000	2,600	2,600
DC	Spec	Mnth2	Decrease	USD	3,080	2,800	2,750	2,500
DC	Hedge/Member	Mnth2	Decrease	USD	2,800	2,800	2,500	2,500
DC	Spec	Mnth3	Decrease	USD	2,970	2,700	2,640	2,400
DC	Hedge/Member	Mnth3	Decrease	USD	2,700	2,700	2,400	2,400
DC	Spec	Mnth4	Decrease	USD	2,860	2,600	2,530	2,300
DC	Hedge/Member	Mnth4	Decrease	USD	2,600	2,600	2,300	2,300
DC	Spec	Mnth5	Decrease	USD	2,860	2,600	2,420	2,200
DC	Hedge/Member	Mnth5	Decrease	USD	2,600	2,600	2,200	2,200
DC	Spec	Mnth6	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth6	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth7	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth7	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth8	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth8	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth9	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth9	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth10	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth10	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth11	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth11	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth12	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth12	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth13	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth13	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth14	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth14	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth15	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth15	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth16	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth16	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth17	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth17	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth18	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth18	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth19	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth19	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth20	Decrease	USD	2,750	2,500	2,310	2,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DC	Hedge/Member	Mnth20	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth21	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth21	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth22	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth22	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth23	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth23	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth24	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth24	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth25	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth25	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth26	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth26	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth27	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth27	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth28	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth28	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth29	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth29	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth30	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth30	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth31	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth31	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth32	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth32	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth33	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth33	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth34	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth34	Decrease	USD	2,500	2,500	2,100	2,100
DC	Spec	Mnth35+	Decrease	USD	2,750	2,500	2,310	2,100
DC	Hedge/Member	Mnth35+	Decrease	USD	2,500	2,500	2,100	2,100
EUROPE DATED BRENT FUT (UB)								
UB	Spec	Mths 7+	Decrease	USD	3,080	2,800	2,860	2,600
UB	Hedge/Member	Mths 7+	Decrease	USD	2,800	2,800	2,600	2,600
MINI DATED BRENT (PLATTS) FINANCIAL (MDB)								
MDB	Spec	Mths 7+	Decrease	USD	308	280	286	260
MDB	Hedge/Member	Mths 7+	Decrease	USD	280	280	260	260

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI DUBAI CRUDE OIL (PLATTS) FUT (DBL)								
DBL	Spec	Mnth1	Decrease	USD	330	300	286	260
DBL	Hedge/Member	Mnth1	Decrease	USD	300	300	260	260
DBL	Spec	Mnth2	Decrease	USD	308	280	275	250
DBL	Hedge/Member	Mnth2	Decrease	USD	280	280	250	250
DBL	Spec	Mnth3	Decrease	USD	297	270	264	240
DBL	Hedge/Member	Mnth3	Decrease	USD	270	270	240	240
DBL	Spec	Mnth4	Decrease	USD	286	260	253	230
DBL	Hedge/Member	Mnth4	Decrease	USD	260	260	230	230
DBL	Spec	Mnth5	Decrease	USD	286	260	242	220
DBL	Hedge/Member	Mnth5	Decrease	USD	260	260	220	220
DBL	Spec	Mnth6	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth6	Decrease	USD	250	250	210	210
DBL	Spec	Mnth7	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth7	Decrease	USD	250	250	210	210
DBL	Spec	Mnth8	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth8	Decrease	USD	250	250	210	210
DBL	Spec	Mnth9	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth9	Decrease	USD	250	250	210	210
DBL	Spec	Mnth10	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth10	Decrease	USD	250	250	210	210
DBL	Spec	Mnth11	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth11	Decrease	USD	250	250	210	210
DBL	Spec	Mnth12	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth12	Decrease	USD	250	250	210	210
DBL	Spec	Mnth13	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth13	Decrease	USD	250	250	210	210
DBL	Spec	Mnth14	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth14	Decrease	USD	250	250	210	210
DBL	Spec	Mnth15	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth15	Decrease	USD	250	250	210	210
DBL	Spec	Mnth16	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth16	Decrease	USD	250	250	210	210
DBL	Spec	Mnth17	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth17	Decrease	USD	250	250	210	210
DBL	Spec	Mnth18	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth18	Decrease	USD	250	250	210	210
DBL	Spec	Mnth19	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth19	Decrease	USD	250	250	210	210
DBL	Spec	Mnth20	Decrease	USD	275	250	231	210

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DBL	Hedge/Member	Mnth20	Decrease	USD	250	250	210	210
DBL	Spec	Mnth21	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth21	Decrease	USD	250	250	210	210
DBL	Spec	Mnth22	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth22	Decrease	USD	250	250	210	210
DBL	Spec	Mnth23	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth23	Decrease	USD	250	250	210	210
DBL	Spec	Mnth24	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth24	Decrease	USD	250	250	210	210
DBL	Spec	Mnth25	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth25	Decrease	USD	250	250	210	210
DBL	Spec	Mnth26	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth26	Decrease	USD	250	250	210	210
DBL	Spec	Mnth27	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth27	Decrease	USD	250	250	210	210
DBL	Spec	Mnth28	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth28	Decrease	USD	250	250	210	210
DBL	Spec	Mnth29	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth29	Decrease	USD	250	250	210	210
DBL	Spec	Mnth30	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth30	Decrease	USD	250	250	210	210
DBL	Spec	Mnth31	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth31	Decrease	USD	250	250	210	210
DBL	Spec	Mnth32	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth32	Decrease	USD	250	250	210	210
DBL	Spec	Mnth33	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth33	Decrease	USD	250	250	210	210
DBL	Spec	Mnth34	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth34	Decrease	USD	250	250	210	210
DBL	Spec	Mnth35+	Decrease	USD	275	250	231	210
DBL	Hedge/Member	Mnth35+	Decrease	USD	250	250	210	210
OMAN CRUDE FINANCIAL (ZG)								
ZG	Spec	Mnth1	Decrease	USD	523	475	495	450
ZG	Hedge/Member	Mnth1	Decrease	USD	475	475	450	450
OMAN CRUDE OIL TAM FUT (OQB)								
OQB	Spec	Mnth1	Decrease	USD	5,225	4,750	4,950	4,500
OQB	Hedge/Member	Mnth1	Decrease	USD	4,750	4,750	4,500	4,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
OMAN CRUDE OIL TAM MARKER SYN (OQ1)								
OQ1	Spec	Mnth1	Decrease	USD	5,225	4,750	4,950	4,500
OQ1	Hedge/Member	Mnth1	Decrease	USD	4,750	4,750	4,500	4,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EQUITY INDEX - Outright Rates								
BTIC EMINI FTSE 100 INDEX FUTURE (FTT)								
FTT	Spec		Decrease	USD	2,475	2,250	2,200	2,000
FTT	Hedge/Member		Decrease	USD	2,250	2,250	2,000	2,000
BTIC ON S&P MLP TOTAL RETURN INDEX (SLT)								
SLT	Spec		Decrease	USD	3,520	3,200	3,080	2,800
SLT	Hedge/Member		Decrease	USD	3,200	3,200	2,800	2,800
E-MINI FTSE 100 INDEX FUTURES (FT1)								
FT1	Spec		Decrease	USD	2,475	2,250	2,200	2,000
FT1	Hedge/Member		Decrease	USD	2,250	2,250	2,000	2,000
EMINI FTSE 100 VALUE SYN MARKER (FTI)								
FTI	Spec		Decrease	USD	2,475	2,250	2,200	2,000
FTI	Hedge/Member		Decrease	USD	2,250	2,250	2,000	2,000
EMINI SP500 MATERIALS SECTOR INDEX (XAB)								
XAB	Spec		Decrease	USD	2,200	2,000	1,980	1,800
XAB	Hedge/Member		Decrease	USD	2,000	2,000	1,800	1,800
EMINI SP500-UTILITIES SECTOR INDEX (XAU)								
XAU	Spec		Decrease	USD	1,595	1,450	1,375	1,250
XAU	Hedge/Member		Decrease	USD	1,450	1,450	1,250	1,250
FTSE DEVELOPED EUROPE INDEX FUTURES (DVE)								
DVE	Spec		Decrease	EUR	2,035	1,850	1,705	1,550
DVE	Hedge/Member		Decrease	EUR	1,850	1,850	1,550	1,550
S&P MLP TOTAL RETURN INDEX FUTURE (SLP)								
SLP	Spec		Decrease	USD	3,520	3,200	3,080	2,800
SLP	Hedge/Member		Decrease	USD	3,200	3,200	2,800	2,800
S&P MLP TOTAL RETURN INDEX MARKER (SLI)								
SLI	Spec		Decrease	USD	3,520	3,200	3,080	2,800
SLI	Hedge/Member		Decrease	USD	3,200	3,200	2,800	2,800
SP 500 MATERIALS SEL SECTOR SYNTH (1BT)								
1BT	Spec		Decrease	USD	2,200	2,000	1,980	1,800
1BT	Hedge/Member		Decrease	USD	2,000	2,000	1,800	1,800
SP 500 MATERIALS SEL SECTOR TIC (XBT)								
XBT	Spec		Decrease	USD	2,200	2,000	1,980	1,800
XBT	Hedge/Member		Decrease	USD	2,000	2,000	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								
SP 500 UTILITIES SEL SECTOR SYNTH (1UT)								
1UT	Spec		Decrease	USD	1,595	1,450	1,375	1,250
1UT	Hedge/Member		Decrease	USD	1,450	1,450	1,250	1,250
SP 500 UTILITIES SEL SECTOR TIC (XUT)								
XUT	Spec		Decrease	USD	1,595	1,450	1,375	1,250
XUT	Hedge/Member		Decrease	USD	1,450	1,450	1,250	1,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
FX - Outright Rates								
AD/CD FUTURES (AC)								
AC	Spec		Decrease	CAD	3,190	2,900	2,860	2,600
AC	Hedge/Member		Decrease	CAD	2,900	2,900	2,600	2,600
AUSTRALIAN DOLLAR FUTURES (AD)								
AD	Spec		Increase	USD	1,430	1,300	1,595	1,450
AD	Hedge/Member		Increase	USD	1,300	1,300	1,450	1,450
BPJY FUTURE (BY)								
BY	Spec		Decrease	JPY	715,000	650,000	522,500	475,000
BY	Hedge/Member		Decrease	JPY	650,000	650,000	475,000	475,000
BPSF FUTURE (BF)								
BF	Spec		Decrease	CHF	5,830	5,300	4,620	4,200
BF	Hedge/Member		Decrease	CHF	5,300	5,300	4,200	4,200
EC/NKR FUTURES (CN)								
CN	Spec		Decrease	NOK	22,000	20,000	18,150	16,500
CN	Hedge/Member		Decrease	NOK	20,000	20,000	16,500	16,500
E-MICRO AUD/USD FUTURES (M6A)								
M6A	Spec		Increase	USD	143	130	160	145
M6A	Hedge/Member		Increase	USD	130	130	145	145
E-MICRO CHF/USD FUTURES (MSF)								
MSF	Spec	Month 1	Decrease	USD	344	313	297	270
MSF	Hedge/Member	Month 1	Decrease	USD	313	313	270	270
MSF	Spec	Months 2+	Decrease	USD	344	313	297	270
MSF	Hedge/Member	Months 2+	Decrease	USD	313	313	270	270
E-MICRO JPY/USD (MJY)								
MJY	Spec	Month 1	Decrease	USD	330	300	275	250
MJY	Hedge/Member	Month 1	Decrease	USD	300	300	250	250
MJY	Spec	Months 2+	Decrease	USD	330	300	275	250
MJY	Hedge/Member	Months 2+	Decrease	USD	300	300	250	250
E-MINI J-YEN FUTURE (J7)								
J7	Spec	Month 1	Decrease	USD	1,650	1,500	1,375	1,250
J7	Hedge/Member	Month 1	Decrease	USD	1,500	1,500	1,250	1,250
J7	Spec	Months 2+	Decrease	USD	1,650	1,500	1,375	1,250
J7	Hedge/Member	Months 2+	Decrease	USD	1,500	1,500	1,250	1,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EURO FX/BP FUTURE (RP)								
RP	Spec		Decrease	GBP	2,970	2,700	2,640	2,400
RP	Hedge/Member		Decrease	GBP	2,700	2,700	2,400	2,400
EURO FX/JY FUTURE (RY)								
RY	Spec		Decrease	JPY	522,500	475,000	467,500	425,000
RY	Hedge/Member		Decrease	JPY	475,000	475,000	425,000	425,000
EURO FX/SF FUTURES (RF)								
RF	Spec		Decrease	CHF	2,750	2,500	2,310	2,100
RF	Hedge/Member		Decrease	CHF	2,500	2,500	2,100	2,100
JAPANESE YEN FUTURES (JY)								
JY	Spec	Month 1	Decrease	USD	3,300	3,000	2,750	2,500
JY	Hedge/Member	Month 1	Decrease	USD	3,000	3,000	2,500	2,500
JY	Spec	Months 2+	Decrease	USD	3,300	3,000	2,750	2,500
JY	Hedge/Member	Months 2+	Decrease	USD	3,000	3,000	2,500	2,500
NKR/USD FUTURES (UN)								
UN	Spec		Decrease	USD	5,720	5,200	5,170	4,700
UN	Hedge/Member		Decrease	USD	5,200	5,200	4,700	4,700
SWISS FRANC FUTURES (SF)								
SF	Spec	Month 1	Decrease	USD	3,438	3,125	2,970	2,700
SF	Hedge/Member	Month 1	Decrease	USD	3,125	3,125	2,700	2,700
SF	Spec	Months 2+	Decrease	USD	3,438	3,125	2,970	2,700
SF	Hedge/Member	Months 2+	Decrease	USD	3,125	3,125	2,700	2,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
METALS - Outright Rates								
LEAD FUTURES (LED)								
LED	Spec	Mth 1	Decrease	USD	3,190	2,900	2,860	2,600
LED	Hedge/Member	Mth 1	Decrease	USD	2,900	2,900	2,600	2,600
LED	Spec	Mths 2-3	Decrease	USD	3,190	2,900	2,860	2,600
LED	Hedge/Member	Mths 2-3	Decrease	USD	2,900	2,900	2,600	2,600
LED	Spec	Mths 4-6	Decrease	USD	3,190	2,900	2,860	2,600
LED	Hedge/Member	Mths 4-6	Decrease	USD	2,900	2,900	2,600	2,600
LED	Spec	Mths 7+	Decrease	USD	3,190	2,900	2,860	2,600
LED	Hedge/Member	Mths 7+	Decrease	USD	2,900	2,900	2,600	2,600
PALLADIUM FUTURES NYMEX (PA)								
PA	Spec	Mnth 1	Increase	USD	12,320	11,200	14,520	13,200
PA	Hedge/Member	Mnth 1	Increase	USD	11,200	11,200	13,200	13,200
PA	Spec	Mnth 2-3	Increase	USD	10,560	9,600	12,760	11,600
PA	Hedge/Member	Mnth 2-3	Increase	USD	9,600	9,600	11,600	11,600
PA	Spec	Mnth 4+	Increase	USD	10,560	9,600	12,760	11,600
PA	Hedge/Member	Mnth 4+	Increase	USD	9,600	9,600	11,600	11,600
PLATINUM FUTURES NYMEX (PL)								
PL	Spec	Mths 1	Decrease	USD	2,090	1,900	1,760	1,600
PL	Hedge/Member	Mths 1	Decrease	USD	1,900	1,900	1,600	1,600
PL	Spec	Mths 2+	Decrease	USD	2,090	1,900	1,760	1,600
PL	Hedge/Member	Mths 2+	Decrease	USD	1,900	1,900	1,600	1,600
PLATINUM FUTURES TAS (PLT)								
PLT	Spec	Mths 1	Decrease	USD	2,090	1,900	1,760	1,600
PLT	Hedge/Member	Mths 1	Decrease	USD	1,900	1,900	1,600	1,600
PLT	Spec	Mths 2+	Decrease	USD	2,090	1,900	1,760	1,600
PLT	Hedge/Member	Mths 2+	Decrease	USD	1,900	1,900	1,600	1,600
ZINC FUTURES (ZNC)								
ZNC	Spec	Mths 1-4	Decrease	USD	3,960	3,600	3,300	3,000
ZNC	Hedge/Member	Mths 1-4	Decrease	USD	3,600	3,600	3,000	3,000
ZNC	Spec	Mths 5-6	Decrease	USD	3,960	3,600	3,300	3,000
ZNC	Hedge/Member	Mths 5-6	Decrease	USD	3,600	3,600	3,000	3,000
ZNC	Spec	Mths 7-12	Decrease	USD	3,960	3,600	3,300	3,000
ZNC	Hedge/Member	Mths 7-12	Decrease	USD	3,600	3,600	3,000	3,000
ZNC	Spec	Mths 13+	Decrease	USD	3,960	3,600	3,300	3,000
ZNC	Hedge/Member	Mths 13+	Decrease	USD	3,600	3,600	3,000	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

NATURAL GAS - Outright Rates

WAHA TEXAS BASIS FUT (NW)

NW	Spec	Mnth 2	Increase	USD	61	55	77	70
NW	Hedge/Member	Mnth 2	Increase	USD	55	55	70	70
NW	Spec	Mnths 3-6	Increase	USD	61	55	77	70
NW	Hedge/Member	Mnths 3-6	Increase	USD	55	55	70	70
NW	Spec	Mnths 7-12	Increase	USD	83	75	110	100
NW	Hedge/Member	Mnths 7-12	Increase	USD	75	75	100	100
NW	Spec	Mnths 13-33	Increase	USD	83	75	110	100
NW	Hedge/Member	Mnths 13-33	Increase	USD	75	75	100	100
NW	Spec	Mnths 34+	Increase	USD	83	75	110	100
NW	Hedge/Member	Mnths 34+	Increase	USD	75	75	100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PETROLEUM CRACKS AND SPREADS - Outright Rates								
1% FUEL OIL RDM VS 1% OIL NWE PLTS (33)								
33	Spec	Mnth 1	Increase	USD	1,100	1,000	1,265	1,150
33	Hedge/Member	Mnth 1	Increase	USD	1,000	1,000	1,150	1,150
33	Spec	Mnth 2	Increase	USD	990	900	1,210	1,100
33	Hedge/Member	Mnth 2	Increase	USD	900	900	1,100	1,100
33	Spec	Mnths 3+	Increase	USD	550	500	990	900
33	Hedge/Member	Mnths 3+	Increase	USD	500	500	900	900
GLFCST JET PLATTS UP/DN FUT (ME)								
ME	Spec	Mnths 3-5	Decrease	USD	605	550	495	450
ME	Hedge/Member	Mnths 3-5	Decrease	USD	550	550	450	450
ME	Spec	Mnths 6+	Decrease	USD	605	550	495	450
ME	Hedge/Member	Mnths 6+	Decrease	USD	550	550	450	450
JET AVIA FUEL(PLTT) FOB V. ICE (1V)								
1V	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
1V	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
1V	Spec	Mnth 2-4	Decrease	USD	3,190	2,900	2,750	2,500
1V	Hedge/Member	Mnth 2-4	Decrease	USD	2,900	2,900	2,500	2,500
1V	Spec	Mnths 5+	Decrease	USD	2,750	2,500	2,200	2,000
1V	Hedge/Member	Mnths 5+	Decrease	USD	2,500	2,500	2,000	2,000
JET CIF NWE VS ICE (JC)								
JC	Spec	Mnth 1	Decrease	USD	8,800	8,000	4,950	4,500
JC	Hedge/Member	Mnth 1	Decrease	USD	8,000	8,000	4,500	4,500
JC	Spec	Mnth 2	Decrease	USD	4,180	3,800	2,750	2,500
JC	Hedge/Member	Mnth 2	Decrease	USD	3,800	3,800	2,500	2,500
JC	Spec	Mnths 3-6	Decrease	USD	3,740	3,400	2,200	2,000
JC	Hedge/Member	Mnths 3-6	Decrease	USD	3,400	3,400	2,000	2,000
JC	Spec	Mnths 7+	Decrease	USD	2,200	2,000	1,320	1,200
JC	Hedge/Member	Mnths 7+	Decrease	USD	2,000	2,000	1,200	1,200
MIN JETKERO CRGOS CIF NWE VS GASOIL (MJC)								
MJC	Spec	Mnth 1	Decrease	USD	880	800	495	450
MJC	Hedge/Member	Mnth 1	Decrease	USD	800	800	450	450
MJC	Spec	Mnth 2	Decrease	USD	418	380	275	250
MJC	Hedge/Member	Mnth 2	Decrease	USD	380	380	250	250
MJC	Spec	Mnths 3-6	Decrease	USD	374	340	220	200
MJC	Hedge/Member	Mnths 3-6	Decrease	USD	340	340	200	200
MJC	Spec	Mnths 7+	Decrease	USD	220	200	132	120
MJC	Hedge/Member	Mnths 7+	Decrease	USD	200	200	120	120

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI 380CST VS 3.5% FUEL OIL FUT (MSB)								
MSB	Spec	Mnth 1	Decrease	USD	550	500	440	400
MSB	Hedge/Member	Mnth 1	Decrease	USD	500	500	400	400
MSB	Spec	Mnth 2	Decrease	USD	330	300	275	250
MSB	Hedge/Member	Mnth 2	Decrease	USD	300	300	250	250
MSB	Spec	Mnths 3-6	Decrease	USD	121	110	110	100
MSB	Hedge/Member	Mnths 3-6	Decrease	USD	110	110	100	100
MSB	Spec	Mnths 7-15	Decrease	USD	121	110	110	100
MSB	Hedge/Member	Mnths 7-15	Decrease	USD	110	110	100	100
MSB	Spec	Mths 16+	Decrease	USD	286	260	176	160
MSB	Hedge/Member	Mths 16+	Decrease	USD	260	260	160	160
SING 380 FUEL OIL VS FUEL OIL ROTDM (EVC)								
EVC	Spec	Mnth 1	Decrease	USD	5,500	5,000	4,400	4,000
EVC	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	4,000	4,000
EVC	Spec	Mnth 2	Decrease	USD	3,300	3,000	2,750	2,500
EVC	Hedge/Member	Mnth 2	Decrease	USD	3,000	3,000	2,500	2,500
EVC	Spec	Mnths 3-6	Decrease	USD	1,210	1,100	1,100	1,000
EVC	Hedge/Member	Mnths 3-6	Decrease	USD	1,100	1,100	1,000	1,000
EVC	Spec	Mnths 7-15	Decrease	USD	1,210	1,100	1,100	1,000
EVC	Hedge/Member	Mnths 7-15	Decrease	USD	1,100	1,100	1,000	1,000
EVC	Spec	Mths 16+	Decrease	USD	2,860	2,600	1,760	1,600
EVC	Hedge/Member	Mths 16+	Decrease	USD	2,600	2,600	1,600	1,600
SINGAPORE GASOIL VS ICE (GA)								
GA	Spec	Mnths 6+	Increase	USD	495	450	605	550
GA	Hedge/Member	Mnths 6+	Increase	USD	450	450	550	550

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
AGRICULTURE - Intra Spreads								
Lean Hog Butterfly 1/2/3 (LEAN HOG FUTURES)								
LN	Spec		Decrease	USD	1,210	1,100	1,100	1,000
LN	Hedge/Member		Decrease	USD	1,100	1,100	1,000	1,000
Lean Hog Butterfly 1/2/3 (LEAN HOGS TRADE AT SETTLE)								
HET	Spec		Decrease	USD	1,210	1,100	1,100	1,000
HET	Hedge/Member		Decrease	USD	1,100	1,100	1,000	1,000
Lean Hog Butterfly 2/3/4 (LEAN HOG FUTURES)								
LN	Spec		New	USD			880	800
LN	Hedge/Member		New	USD			800	800
Lean Hog Butterfly 2/3/4 (LEAN HOGS TRADE AT SETTLE)								
HET	Spec		New	USD			880	800
HET	Hedge/Member		New	USD			800	800
Lean Hog Butterfly 3/4/5 (LEAN HOG FUTURES)								
LN	Spec		New	USD			715	650
LN	Hedge/Member		New	USD			650	650
Lean Hog Butterfly 3/4/5 (LEAN HOGS TRADE AT SETTLE)								
HET	Spec		New	USD			715	650
HET	Hedge/Member		New	USD			650	650

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								
(EMINI SP500 - FINANCIAL SECT INDEX)								
XAF	Spec		Increase	USD	303	275	363	330
XAF	Hedge/Member		Increase	USD	275	275	330	330
(EMINI SP500- HEALTH CARE SECT INDEX)								
XAV	Spec		Decrease	USD	319	290	248	225
XAV	Hedge/Member		Decrease	USD	290	290	225	225
(EMINI SP500 MATERIALS SECTOR INDEX)								
XAB	Spec		Decrease	USD	193	175	138	125
XAB	Hedge/Member		Decrease	USD	175	175	125	125
(EMINI SP500-INDUSTRIAL SECTOR INDEX)								
XAI	Spec		Decrease	USD	220	200	138	125
XAI	Hedge/Member		Decrease	USD	200	200	125	125
(EMINI SP500-TECHNOLOGY SECTOR INDEX)								
XAK	Spec		Decrease	USD	303	275	248	225
XAK	Hedge/Member		Decrease	USD	275	275	225	225
(EMINI SP500-UTILITIES SECTOR INDEX)								
XAU	Spec		Increase	USD	567	515	578	525
XAU	Hedge/Member		Increase	USD	515	515	525	525
(SP 500 - INDUSTRIAL SEL SECTOR SYNT)								
1IT	Spec		Decrease	USD	220	200	138	125
1IT	Hedge/Member		Decrease	USD	200	200	125	125
(SP 500 FINANCIAL SECTOR TIC)								
XFT	Spec		Increase	USD	303	275	363	330
XFT	Hedge/Member		Increase	USD	275	275	330	330
(SP 500 FINANCIAL SLCT SEC SYNT)								
1FT	Spec		Increase	USD	303	275	363	330
1FT	Hedge/Member		Increase	USD	275	275	330	330
(SP 500 HEALTH CARE SECTOR SYNTHETIC)								
1VT	Spec		Decrease	USD	319	290	248	225
1VT	Hedge/Member		Decrease	USD	290	290	225	225
(SP 500 HEALTH CARE SECTOR TIC)								
XVT	Spec		Decrease	USD	319	290	248	225
XVT	Hedge/Member		Decrease	USD	290	290	225	225

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
(SP 500 INDUSTRIAL SECTOR TIC)								
XIT	Spec		Decrease	USD	220	200	138	125
XIT	Hedge/Member		Decrease	USD	200	200	125	125
(SP 500 MATERIALS SEL SECTOR SYNTH)								
1BT	Spec		Decrease	USD	193	175	138	125
1BT	Hedge/Member		Decrease	USD	175	175	125	125
(SP 500 MATERIALS SEL SECTOR TIC)								
XBT	Spec		Decrease	USD	193	175	138	125
XBT	Hedge/Member		Decrease	USD	175	175	125	125
(SP 500 TECHNOLOGY SECTOR SYNTH)								
1KT	Spec		Decrease	USD	303	275	248	225
1KT	Hedge/Member		Decrease	USD	275	275	225	225
(SP 500 TECHNOLOGY SECTOR TIC)								
XKT	Spec		Decrease	USD	303	275	248	225
XKT	Hedge/Member		Decrease	USD	275	275	225	225
(SP 500 UTILITIES SEL SECTOR SYNTH)								
1UT	Spec		Increase	USD	567	515	578	525
1UT	Hedge/Member		Increase	USD	515	515	525	525
(SP 500 UTILITIES SEL SECTOR TIC)								
XUT	Spec		Increase	USD	567	515	578	525
XUT	Hedge/Member		Increase	USD	515	515	525	525
All Months (BTIC EMINI FTSE CHINA 50 INDEX)								
FTC	Spec		Increase	USD	385	350	440	400
FTC	Hedge/Member		Increase	USD	350	350	400	400
All Months (BTIC ON EMINI RUSSELL 1000 VALUE)								
RVT	Spec		Decrease	USD	193	175	165	150
RVT	Hedge/Member		Decrease	USD	175	175	150	150
All Months (EMINI FTSE CHINA 50 INDEX FUTURE)								
FT5	Spec		Increase	USD	385	350	440	400
FT5	Hedge/Member		Increase	USD	350	350	400	400
All Months (EMINI FTSE CHINA50 INDEX SYN MARKER)								
FTY	Spec		Increase	USD	385	350	440	400
FTY	Hedge/Member		Increase	USD	350	350	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
All Months (EMINI RUSSELL 1000 VALUE)								
RSV	Spec		Decrease	USD	193	175	165	150
RSV	Hedge/Member		Decrease	USD	175	175	150	150
All Months (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Spec		Decrease	USD	193	175	110	100
SDA	Hedge/Member		Decrease	USD	175	175	100	100
All Months (S&P 500 QUARLY DIVIDEND INDEX FUT)								
SDI	Spec		Increase	USD	303	275	374	340
SDI	Hedge/Member		Increase	USD	275	275	340	340
Dow Jones (CBOT) (11) - All Months (BTIC ON E-MINI DJIA FUTURES)								
YMT	Spec		Decrease	USD	303	275	220	200
YMT	Hedge/Member		Decrease	USD	275	275	200	200
Dow Jones (CBOT) (11) - All Months (E-MINI DJIA FUTURES MARKER)								
YMI	Spec		Decrease	USD	303	275	220	200
YMI	Hedge/Member		Decrease	USD	275	275	200	200
Dow Jones (CBOT) (11) - All Months (E-MINI DOW (\$5) FUTURES)								
YM	Spec		Decrease	USD	303	275	220	200
YM	Hedge/Member		Decrease	USD	275	275	200	200
E-Mini S&P Midcap 400 (MD) - All Months (BTIC E-MINI S&P MIDCAP 400 FUT)								
EMT	Spec		Decrease	USD	275	250	220	200
EMT	Hedge/Member		Decrease	USD	250	250	200	200
E-Mini S&P Midcap 400 (MD) - All Months (EMINI MIDCAP FUTURES)								
ME	Spec		Decrease	USD	275	250	220	200
ME	Hedge/Member		Decrease	USD	250	250	200	200
E-Mini S&P Midcap 400 (MD) - All Months (E-MINI S&P MIDCAP 400 SYNT MARKER)								
ETT	Spec		Decrease	USD	275	250	220	200
ETT	Hedge/Member		Decrease	USD	250	250	200	200
Nasdaq-100 Index (ND) - All Months (BTIC ON E-MINI NASDAQ-100 FUTURES)								
NQT	Spec		Decrease	USD	83	75	55	50
NQT	Hedge/Member		Decrease	USD	75	75	50	50
Nasdaq-100 Index (ND) - All Months (E-MINI NASDAQ 100 FUTURES)								
NQ	Spec		Decrease	USD	83	75	55	50
NQ	Hedge/Member		Decrease	USD	75	75	50	50

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) - All Months (E-MINI NASDAQ-100 FUTURES MARKER)								
NQI	Spec		Decrease	USD	83	75	55	50
NQI	Hedge/Member		Decrease	USD	75	75	50	50
NIKKEI 225 Stock Index (NK) - All Months (NIKKEI 225 DOLLAR FUTURES)								
NK	Spec		Decrease	USD	440	400	275	250
NK	Hedge/Member		Decrease	USD	400	400	250	250
S&P 500 Stock Index - All Months (BTIC ON E-MINI S&P 500 FUTURES)								
EST	Spec		Decrease	USD	55	50	44	40
EST	Hedge/Member		Decrease	USD	50	50	40	40
S&P 500 Stock Index - All Months (E-MINI S&P 500 FUTURES MARKER)								
ESI	Spec		Decrease	USD	55	50	44	40
ESI	Hedge/Member		Decrease	USD	50	50	40	40
S&P 500 Stock Index - All Months (E-MINI S&P 500 FUTURES)								
ES	Spec		Decrease	USD	55	50	44	40
ES	Hedge/Member		Decrease	USD	50	50	40	40
S&P 500 Stock Index - All Months (S&P 500 FUTURES)								
SP	Spec		Decrease	USD	275	250	220	200
SP	Hedge/Member		Decrease	USD	250	250	200	200
Yen-based Nikkei (N1) - All Months (E-MINI NIKKEI 225 YEN DENOMINATED)								
ENY	Spec		Decrease	JPY	8,800	8,000	5,500	5,000
ENY	Hedge/Member		Decrease	JPY	8,000	8,000	5,000	5,000
Yen-based Nikkei (N1) - All Months (NIKKEI 225 YEN FUT)								
N1	Spec		Decrease	JPY	44,000	40,000	27,500	25,000
N1	Hedge/Member		Decrease	JPY	40,000	40,000	25,000	25,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
REFINED PRODUCTS - Intra Spreads								
Daily European Naphtha (Platts) CIF NWE Swap Futures - All Months (DALY EUROP NAPHTHA PLTS CIF NWE FUT)								
NCP	Spec		Decrease	USD	9,900	9,000	5,500	5,000
NCP	Hedge/Member		Decrease	USD	9,000	9,000	5,000	5,000
Daily Gasoline Euro-bob Oxy (Argus) NWE Barges Swap Futures - All Months (DALY GAS EUROBOB OXY ARGS NWE BRGS)								
GBR	Spec		Decrease	USD	9,350	8,500	6,600	6,000
GBR	Hedge/Member		Decrease	USD	8,500	8,500	6,000	6,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Decrease	USD	8,800	8,000	6,600	6,000
UV	Hedge/Member		Decrease	USD	8,000	8,000	6,000	6,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Spec		Decrease	USD	880	800	660	600
0D	Hedge/Member		Decrease	USD	800	800	600	600
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Decrease	USD	5,500	5,000	3,300	3,000
UV	Hedge/Member		Decrease	USD	5,000	5,000	3,000	3,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Spec		Decrease	USD	550	500	330	300
0D	Hedge/Member		Decrease	USD	500	500	300	300
European Gasoil Bullet Swap - Tier 1 vs Tier 2 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Decrease	USD	616	560	440	400
7F	Hedge/Member		Decrease	USD	560	560	400	400
European Gasoil Bullet Swap - Tier 1 vs Tier 2 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Decrease	USD	616	560	440	400
7FT	Hedge/Member		Decrease	USD	560	560	400	400
European Gasoil Bullet Swap - Tier 1 vs Tier 2 (GASOIL BULLET FUT)								
BG	Spec		Decrease	USD	6,160	5,600	4,400	4,000
BG	Hedge/Member		Decrease	USD	5,600	5,600	4,000	4,000
European Gasoil Bullet Swap - Tier 1 vs Tier 2 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Decrease	USD	6,160	5,600	4,400	4,000
SBG	Hedge/Member		Decrease	USD	5,600	5,600	4,000	4,000
European Gasoil Bullet Swap - Tier 1 vs Tier 3 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Decrease	USD	616	560	495	450
7F	Hedge/Member		Decrease	USD	560	560	450	450

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European Gasoil Bullet Swap - Tier 1 vs Tier 3 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Decrease	USD	616	560	495	450
7FT	Hedge/Member		Decrease	USD	560	560	450	450
European Gasoil Bullet Swap - Tier 1 vs Tier 3 (GASOIL BULLET FUT)								
BG	Spec		Decrease	USD	6,160	5,600	4,950	4,500
BG	Hedge/Member		Decrease	USD	5,600	5,600	4,500	4,500
European Gasoil Bullet Swap - Tier 1 vs Tier 3 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Decrease	USD	6,160	5,600	4,950	4,500
SBG	Hedge/Member		Decrease	USD	5,600	5,600	4,500	4,500
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Decrease	USD	880	800	660	600
7F	Hedge/Member		Decrease	USD	800	800	600	600
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Decrease	USD	880	800	660	600
7FT	Hedge/Member		Decrease	USD	800	800	600	600
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (GASOIL BULLET FUT)								
BG	Spec		Decrease	USD	8,800	8,000	6,600	6,000
BG	Hedge/Member		Decrease	USD	8,000	8,000	6,000	6,000
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Decrease	USD	8,800	8,000	6,600	6,000
SBG	Hedge/Member		Decrease	USD	8,000	8,000	6,000	6,000
European Gasoil Bullet Swap - Tier 2 vs Tier 2 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Decrease	USD	440	400	330	300
7F	Hedge/Member		Decrease	USD	400	400	300	300
European Gasoil Bullet Swap - Tier 2 vs Tier 2 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Decrease	USD	440	400	330	300
7FT	Hedge/Member		Decrease	USD	400	400	300	300
European Gasoil Bullet Swap - Tier 2 vs Tier 2 (GASOIL BULLET FUT)								
BG	Spec		Decrease	USD	4,400	4,000	3,300	3,000
BG	Hedge/Member		Decrease	USD	4,000	4,000	3,000	3,000
European Gasoil Bullet Swap - Tier 2 vs Tier 2 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Decrease	USD	4,400	4,000	3,300	3,000
SBG	Hedge/Member		Decrease	USD	4,000	4,000	3,000	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European Gasoil Bullet Swap - Tier 2 vs Tier 3 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Decrease	USD	616	560	440	400
7F	Hedge/Member		Decrease	USD	560	560	400	400
European Gasoil Bullet Swap - Tier 2 vs Tier 3 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Decrease	USD	616	560	440	400
7FT	Hedge/Member		Decrease	USD	560	560	400	400
European Gasoil Bullet Swap - Tier 2 vs Tier 3 (GASOIL BULLET FUT)								
BG	Spec		Decrease	USD	6,160	5,600	4,400	4,000
BG	Hedge/Member		Decrease	USD	5,600	5,600	4,000	4,000
European Gasoil Bullet Swap - Tier 2 vs Tier 3 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Decrease	USD	6,160	5,600	4,400	4,000
SBG	Hedge/Member		Decrease	USD	5,600	5,600	4,000	4,000
European Gasoil Bullet Swap - Tier 2 vs Tier 4 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Decrease	USD	715	650	605	550
7F	Hedge/Member		Decrease	USD	650	650	550	550
European Gasoil Bullet Swap - Tier 2 vs Tier 4 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Decrease	USD	715	650	605	550
7FT	Hedge/Member		Decrease	USD	650	650	550	550
European Gasoil Bullet Swap - Tier 2 vs Tier 4 (GASOIL BULLET FUT)								
BG	Spec		Decrease	USD	7,150	6,500	6,050	5,500
BG	Hedge/Member		Decrease	USD	6,500	6,500	5,500	5,500
European Gasoil Bullet Swap - Tier 2 vs Tier 4 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Decrease	USD	7,150	6,500	6,050	5,500
SBG	Hedge/Member		Decrease	USD	6,500	6,500	5,500	5,500
European Gasoil Bullet Swap - Tier 3 vs Tier 3 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Decrease	USD	264	240	220	200
7F	Hedge/Member		Decrease	USD	240	240	200	200
European Gasoil Bullet Swap - Tier 3 vs Tier 3 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Decrease	USD	264	240	220	200
7FT	Hedge/Member		Decrease	USD	240	240	200	200
European Gasoil Bullet Swap - Tier 3 vs Tier 3 (GASOIL BULLET FUT)								
BG	Spec		Decrease	USD	2,640	2,400	2,200	2,000
BG	Hedge/Member		Decrease	USD	2,400	2,400	2,000	2,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European Gasoil Bullet Swap - Tier 3 vs Tier 3 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Decrease	USD	2,640	2,400	2,200	2,000
SBG	Hedge/Member		Decrease	USD	2,400	2,400	2,000	2,000
European Gasoil Bullet Swap - Tier 3 vs Tier 4 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Decrease	USD	385	350	297	270
7F	Hedge/Member		Decrease	USD	350	350	270	270
European Gasoil Bullet Swap - Tier 3 vs Tier 4 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Decrease	USD	385	350	297	270
7FT	Hedge/Member		Decrease	USD	350	350	270	270
European Gasoil Bullet Swap - Tier 3 vs Tier 4 (GASOIL BULLET FUT)								
BG	Spec		Decrease	USD	3,850	3,500	2,970	2,700
BG	Hedge/Member		Decrease	USD	3,500	3,500	2,700	2,700
European Gasoil Bullet Swap - Tier 3 vs Tier 4 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Decrease	USD	3,850	3,500	2,970	2,700
SBG	Hedge/Member		Decrease	USD	3,500	3,500	2,700	2,700
European Jet Kero Rotterdam Calendar Swap - All Months (EUROPE JET KERO RDAM CALFUT)								
UR	Spec		Decrease	USD	8,800	8,000	7,700	7,000
UR	Hedge/Member		Decrease	USD	8,000	8,000	7,000	7,000
European Naphtha BALMO Swap - All Months (EUROPEAN NAPHTHA BALMO)								
KZ	Spec		Increase	USD	4,180	3,800	4,950	4,500
KZ	Hedge/Member		Increase	USD	3,800	3,800	4,500	4,500
European Naphtha BALMO Swap - All Months (MINI EURO NAPHTHA BALMO FUT)								
MEN	Spec		Increase	USD	418	380	495	450
MEN	Hedge/Member		Increase	USD	380	380	450	450
European Naphtha Calendar Swap - Mnths 2+ (EUROPE NAPHTHA CALFUT)								
UN	Spec		Decrease	USD	6,600	6,000	4,400	4,000
UN	Hedge/Member		Decrease	USD	6,000	6,000	4,000	4,000
European Naphtha Calendar Swap - Mnths 2+ (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		Decrease	USD	660	600	440	400
MNC	Hedge/Member		Decrease	USD	600	600	400	400
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 1 vs Mnths 2+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	17,600	16,000	14,300	13,000
7H	Hedge/Member		Decrease	USD	16,000	16,000	13,000	13,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 1 vs Mtnhs 2+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	17,600	16,000	14,300	13,000
MEO	Hedge/Member		Decrease	USD	16,000	16,000	13,000	13,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 2 vs 3 (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		New	USD			4,400	4,000
7H	Hedge/Member		New	USD			4,000	4,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 2 vs 3 (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		New	USD			4,400	4,000
MEO	Hedge/Member		New	USD			4,000	4,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnths 2+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	11,000	10,000	8,800	8,000
7H	Hedge/Member		Decrease	USD	10,000	10,000	8,000	8,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnths 2+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	11,000	10,000	8,800	8,000
MEO	Hedge/Member		Decrease	USD	10,000	10,000	8,000	8,000
Gulf Coast #6 Fuel 3.0% Swap - Months 2+ (GULF COAST HSFO (PLATTS) FUTURES)								
MF	Spec		Decrease	USD	715	650	550	500
MF	Hedge/Member		Decrease	USD	650	650	500	500
Gulf Coast ULSD Swap- Consecutive Month 2+ (GULF COAST ULSD CALENDAR FUT)								
LY	Spec		Decrease	USD	1,100	1,000	880	800
LY	Hedge/Member		Decrease	USD	1,000	1,000	800	800
Gulf Coast Ultra Low Sulfur Diesel (ULSD) Swap - consecutives (SINGAPORE MOGAS 95 FUT)								
V0	Spec		Decrease	USD	660	600	495	450
V0	Hedge/Member		Decrease	USD	600	600	450	450
Premium Unleaded Gasoline 10 ppm (Platts) Rdam FOB Barges Swap - All Months (PREM UNL GAS 10 PPM (PLTS) RDM)								
7L	Spec		Decrease	USD	16,500	15,000	13,200	12,000
7L	Hedge/Member		Decrease	USD	15,000	15,000	12,000	12,000
Singapore 180CST 1 Balmo - All Months (MINI SINGP FUELOIL 180 BALMO FUT)								
5L	Spec		Decrease	USD	880	800	660	600
5L	Hedge/Member		Decrease	USD	800	800	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore 180CST 1 Balmo - All Months (SINGAPORE 180CST BALMO)								
BS	Spec		Decrease	USD	8,800	8,000	6,600	6,000
BS	Hedge/Member		Decrease	USD	8,000	8,000	6,000	6,000
Singapore 380CST Balmo - All Months (MIN SPORE FUELOIL380CST(PLTS) BALMO)								
MTB	Spec		Decrease	USD	880	800	715	650
MTB	Hedge/Member		Decrease	USD	800	800	650	650
Singapore 380CST Balmo - All Months (SINGAPORE 380CST BALMO)								
BT	Spec		Decrease	USD	8,800	8,000	7,150	6,500
BT	Hedge/Member		Decrease	USD	8,000	8,000	6,500	6,500
Singapore Gasoil Swap - Months 1vs Months 2+ (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Spec		Decrease	USD	187	170	165	150
MSG	Hedge/Member		Decrease	USD	170	170	150	150
Singapore Gasoil Swap - Months 1vs Months 2+ (SINGAPORE GASOIL FUT)								
SG	Spec		Decrease	USD	1,870	1,700	1,650	1,500
SG	Hedge/Member		Decrease	USD	1,700	1,700	1,500	1,500
Singapore Gasoil Swap - Months 1vs Months 2+ (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Spec		Decrease	USD	1,870	1,700	1,650	1,500
SSG	Hedge/Member		Decrease	USD	1,700	1,700	1,500	1,500
Singapore Gasoil Swap - Months 2+ vs Months 2+ (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Spec		New	USD			110	100
MSG	Hedge/Member		New	USD			100	100
Singapore Gasoil Swap - Months 2+ vs Months 2+ (SINGAPORE GASOIL FUT)								
SG	Spec		New	USD			1,100	1,000
SG	Hedge/Member		New	USD			1,000	1,000
Singapore Gasoil Swap - Months 2+ vs Months 2+ (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Spec		New	USD			1,100	1,000
SSG	Hedge/Member		New	USD			1,000	1,000
Singapore Jet Kerosene Swap - Tier 2 vs Tier 2 (SINGAPORE JET KEROSENE FUT)								
KS	Spec		Decrease	USD	990	900	660	600
KS	Hedge/Member		Decrease	USD	900	900	600	600
Singapore Jet Kerosene Swap - Tier 2 vs Tier 2 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Spec		Decrease	USD	990	900	660	600
SKS	Hedge/Member		Decrease	USD	900	900	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore Jet Kerosene Swap - Tier 2 vs Tier 3 (SINGAPORE JET KEROSENE FUT)								
KS	Spec		Decrease	USD	990	900	660	600
KS	Hedge/Member		Decrease	USD	900	900	600	600
Singapore Jet Kerosene Swap - Tier 2 vs Tier 3 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Spec		Decrease	USD	990	900	660	600
SKS	Hedge/Member		Decrease	USD	900	900	600	600
Singapore Jet Kerosene Swap - Tier 3 vs Tier 3 (SINGAPORE JET KEROSENE FUT)								
KS	Spec		Decrease	USD	990	900	660	600
KS	Hedge/Member		Decrease	USD	900	900	600	600
Singapore Jet Kerosene Swap - Tier 3 vs Tier 3 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Spec		Decrease	USD	990	900	660	600
SKS	Hedge/Member		Decrease	USD	900	900	600	600
Singapore Mogas 92 Unleaded (Platts) Swap - Mth 1 vs Mths 2+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Spec		Decrease	USD	2,530	2,300	1,980	1,800
1N	Hedge/Member		Decrease	USD	2,300	2,300	1,800	1,800
Singapore Mogas 95 Swap - All Months (SINGAPORE MOGAS 95 FUT)								
V0	Spec		Decrease	USD	2,200	2,000	1,870	1,700
V0	Hedge/Member		Decrease	USD	2,000	2,000	1,700	1,700
Singapore Naphtha Swap - All Months (SINGAPORE NAPHTHA FUT)								
SP	Spec		Decrease	USD	2,640	2,400	2,200	2,000
SP	Hedge/Member		Decrease	USD	2,400	2,400	2,000	2,000
Synthetic Gulf Coast #6 Fuel Oil 3.0% Platts Swaps - Months 2+ (SYNTHET GULF COAST NO.6 FUEL OIL 3)								
SMF	Spec		Decrease	USD	715	650	550	500
SMF	Hedge/Member		Decrease	USD	650	650	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
WEATHER - Intra Spreads								
Chicago CDD Monthly (K2) - All Months (K2 CHICAGO CDD FUTURES)								
K2	Spec		Increase	USD	495	450	660	600
K2	Hedge/Member		Increase	USD	450	450	600	600
Las Vegas CDD Monthly (K0) - All Months (K0 LAS VEGAS CDD FUTURES)								
K0	Spec		Increase	USD	660	600	880	800
K0	Hedge/Member		Increase	USD	600	600	800	800
New York CDD Monthly (K4) - All Months (K4 NEW YORK CDD FUTURES)								
K4	Spec		Increase	USD	220	200	330	300
K4	Hedge/Member		Increase	USD	200	200	300	300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

CRUDE OIL - Inter-commodity Spread Rates

ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME)

Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
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ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)

Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
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ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)

Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
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ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs CRUDE OIL FINANCIAL FUTURES (NY-WS - CME)

Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
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ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)

Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
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ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)

Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
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ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)

Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
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EQUITY INDEX - Inter-commodity Spread Rates

S&P SELECT SECTOR - MATERIALS (XAB - CME) vs ALUMINUM FUTURES (CX-ALI - CME)

Spread Credit Rate	New	+1:-1			40%	40%
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SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
ETHANOL - Inter-commodity Spread Rates						
ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME)						
Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs CRUDE OIL FINANCIAL FUTURES (NY-WS - CME)						
Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%
ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	Decrease	+2:-1	30%	30%	0%	0%

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						
10 Year Treasury Note (21) vs. Eurodollar (ED) Tier 01						
Spread Credit Rate	Increase	+2:-5	0%	0%	50%	50%
10 Year Treasury Note (21) vs. Eurodollar (ED) Tier 03						
Spread Credit Rate	Increase	+2:-5	65%	65%	75%	75%
10 Year Treasury Note (21) vs. Eurodollar (ED) Tier 04						
Spread Credit Rate	Increase	+2:-5	75%	75%	85%	85%
10 Year Treasury Note (21) vs. Eurodollar (ED) Tier 05 [contracts 17-20]						
Spread Credit Rate	Increase	+2:-5	75%	75%	85%	85%
10 Year Treasury Note (21) vs. Eurodollar (ED) Tier 06 [contracts 21-24]						
Spread Credit Rate	Increase	+2:-5	75%	75%	85%	85%
10 Year Treasury Note (21) vs. Eurodollar (ED) Tier 07 [contracts 25-28]						
Spread Credit Rate	Increase	+2:-5	75%	75%	85%	85%
10 Year Treasury Note (21) vs. Eurodollar (ED) Tier 08 [contracts 29-32]						
Spread Credit Rate	Increase	+2:-5	75%	75%	85%	85%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 01						
Spread Credit Rate	Increase	+2:-3	50%	50%	65%	65%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 07						
Spread Credit Rate	Increase	+2:-3	65%	65%	70%	70%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 08						
Spread Credit Rate	Increase	+2:-3	55%	55%	70%	70%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 09						
Spread Credit Rate	Increase	+2:-3	50%	50%	70%	70%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 10						
Spread Credit Rate	Increase	+2:-3	50%	50%	70%	70%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 11						
Spread Credit Rate	Increase	+2:-3	50%	50%	70%	70%
30YR TREASURY vs 5YR DELIVERABLE SWAP FUTURE						
Spread Credit Rate	Increase	+1:-3	60%	60%	70%	70%
5 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (F1U - CME) vs 5-YEAR T-NOTE (25 - CME)						
Spread Credit Rate	Increase	+1:-1	80%	80%	90%	90%
5 Year Note (25) vs. Eurodollar (ED) Tier 01						
Spread Credit Rate	Increase	+2:-1	50%	50%	60%	60%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
5 Year Note (25) vs. Eurodollar (ED) Tier 07 [contracts 25-28]						
Spread Credit Rate	Increase	+2:-1	70%	70%	80%	80%
5 Year Note (25) vs. Eurodollar (ED) Tier 08 [contracts 29-32]						
Spread Credit Rate	Increase	+2:-1	70%	70%	80%	80%
Fed Funds (CBOT) (41) Tier 1 [contract 1] vs. Eurodollar (ED) Tier 1 [contracts 1-4]						
Spread Credit Rate	Increase	+3:-5	25%	25%	50%	50%
Fed Funds (CBOT) (41) Tier 1 [contract 1] vs. Eurodollar (ED) Tier 10 [contracts 37-40]						
Spread Credit Rate	Increase	+3:-5	0%	0%	40%	40%
Fed Funds (CBOT) (41) Tier 1 [contract 1] vs. Eurodollar (ED) Tier 11 [contracts 41-44]						
Spread Credit Rate	Increase	+3:-5	0%	0%	40%	40%
Fed Funds (CBOT) (41) Tier 1 [contract 1] vs. Eurodollar (ED) Tier 2 [contracts 5-8]						
Spread Credit Rate	Increase	+3:-5	20%	20%	50%	50%
Fed Funds (CBOT) (41) Tier 1 [contract 1] vs. Eurodollar (ED) Tier 3 [contracts 9-12]						
Spread Credit Rate	Increase	+3:-5	20%	20%	40%	40%
Fed Funds (CBOT) (41) Tier 1 [contract 1] vs. Eurodollar (ED) Tier 4 [contracts 13-16]						
Spread Credit Rate	Increase	+3:-5	20%	20%	40%	40%
Fed Funds (CBOT) (41) Tier 1 [contract 1] vs. Eurodollar (ED) Tier 5 [contracts 17-20]						
Spread Credit Rate	Increase	+3:-5	20%	20%	40%	40%
Fed Funds (CBOT) (41) Tier 1 [contract 1] vs. Eurodollar (ED) Tier 6 [contracts 21-24]						
Spread Credit Rate	Increase	+3:-5	20%	20%	40%	40%
Fed Funds (CBOT) (41) Tier 1 [contract 1] vs. Eurodollar (ED) Tier 7 [contracts 25-28]						
Spread Credit Rate	Increase	+3:-5	20%	20%	40%	40%
Fed Funds (CBOT) (41) Tier 1 [contract 1] vs. Eurodollar (ED) Tier 8 [contracts 29-32]						
Spread Credit Rate	Increase	+3:-5	20%	20%	40%	40%
Fed Funds (CBOT) (41) Tier 1 [contract 1] vs. Eurodollar (ED) Tier 9 [contracts 33-36]						
Spread Credit Rate	Increase	+3:-5	0%	0%	40%	40%
Fed Funds (CBOT) (41) Tier 2 [contracts 2-4] vs. Eurodollar (ED) Tier 10 [contracts 37-40]						
Spread Credit Rate	Increase	+3:-5	20%	20%	50%	50%
Fed Funds (CBOT) (41) Tier 2 [contracts 2-4] vs. Eurodollar (ED) Tier 11 [contracts 41-44]						
Spread Credit Rate	Increase	+3:-5	0%	0%	50%	50%
Fed Funds (CBOT) (41) Tier 2 [contracts 2-4] vs. Eurodollar (ED) Tier 3 [contracts 9-12]						
Spread Credit Rate	Decrease	+3:-5	60%	60%	50%	50%
Fed Funds (CBOT) (41) Tier 2 [contracts 2-4] vs. Eurodollar (ED) Tier 4 [contracts 13-16]						
Spread Credit Rate	Decrease	+3:-5	55%	55%	45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
Fed Funds (CBOT) (41) Tier 2 [contracts 2-4] vs. Eurodollar (ED) Tier 8 [contracts 29-32]						
Spread Credit Rate	Increase	+3:-5	45%	45%	55%	55%
Fed Funds (CBOT) (41) Tier 2 [contracts 2-4] vs. Eurodollar (ED) Tier 9 [contracts 33-36]						
Spread Credit Rate	Increase	+3:-5	25%	25%	50%	50%
Fed Funds (CBOT) (41) Tier 3 [contracts 5-12] vs. Eurodollar (ED) Tier 10 [contracts 37-40]						
Spread Credit Rate	Increase	+3:-5	25%	25%	50%	50%
Fed Funds (CBOT) (41) Tier 3 [contracts 5-12] vs. Eurodollar (ED) Tier 11 [contracts 41-44]						
Spread Credit Rate	Increase	+3:-5	15%	15%	50%	50%
Fed Funds (CBOT) (41) Tier 3 [contracts 5-12] vs. Eurodollar (ED) Tier 9 [contracts 33-36]						
Spread Credit Rate	Increase	+3:-5	30%	30%	60%	60%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 1 [contracts 1-4]						
Spread Credit Rate	Decrease	+3:-5	80%	80%	70%	70%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 10 [contracts 37-40]						
Spread Credit Rate	Increase	+3:-5	55%	55%	65%	65%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 11 [contracts 41-44]						
Spread Credit Rate	Increase	+3:-5	30%	30%	60%	60%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 3 [contracts 9-12]						
Spread Credit Rate	Decrease	+3:-5	80%	80%	70%	70%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 6 [contracts 21-24]						
Spread Credit Rate	Increase	+3:-5	60%	60%	65%	65%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 7 [contracts 25-28]						
Spread Credit Rate	Increase	+3:-5	55%	55%	65%	65%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 8 [contracts 29-32]						
Spread Credit Rate	Increase	+3:-5	55%	55%	65%	65%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 9 [contracts 33-36]						
Spread Credit Rate	Increase	+3:-5	55%	55%	65%	65%
Fed Funds (CBOT) (41) Tier 5 [contracts 25+] vs Eurodollar (ED) Tier 10 [contracts 37-40]						
Spread Credit Rate	Decrease	+3:-5	75%	75%	70%	70%
Fed Funds (CBOT) (41) Tier 5 [contracts 25+] vs Eurodollar (ED) Tier 11 [contracts 41-44]						
Spread Credit Rate	Decrease	+3:-5	75%	75%	70%	70%
Fed Funds (CBOT) (41) Tier 5 [contracts 25+] vs Eurodollar (ED) Tier 4 [contracts 13-16]						
Spread Credit Rate	Decrease	+3:-5	80%	80%	70%	70%
Fed Funds (CBOT) (41) Tier 5 [contracts 25+] vs Eurodollar (ED) Tier 5 [contracts 17-20]						
Spread Credit Rate	Decrease	+3:-5	80%	80%	70%	70%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
Fed Funds (CBOT) (41) Tier 5 [contracts 25+] vs Eurodollar (ED) Tier 6 [contracts 21-24]						
Spread Credit Rate	Decrease	+3:-5	80%	80%	70%	70%
Fed Funds (CBOT) (41) Tier 5 [contracts 25+] vs Eurodollar (ED) Tier 7 [contracts 25-28]						
Spread Credit Rate	Decrease	+3:-5	80%	80%	70%	70%
Fed Funds (CBOT) (41) Tier 5 [contracts 25+] vs Eurodollar (ED) Tier 8 [contracts 29-32]						
Spread Credit Rate	Decrease	+3:-5	75%	75%	70%	70%
Fed Funds (CBOT) (41) Tier 5 [contracts 25+] vs Eurodollar (ED) Tier 9 [contracts 33-36]						
Spread Credit Rate	Decrease	+3:-5	75%	75%	70%	70%
U.S. TREASURY BOND (17 - CME) vs EURODOLLAR (ED - CME) TIER 01						
Spread Credit Rate	Increase	+1:-5	0%	0%	50%	50%
METALS - Inter-commodity Spread Rates						
S&P SELECT SECTOR - MATERIALS (XAB - CME) vs ALUMINUM FUTURES (CX-ALI - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
NATURAL GAS - Inter-commodity Spread Rates						
CIG ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-CI - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
NGPL MID-CON BASIS SWAP (PLATTS IFERC) FUTURES (NY-NL - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	40%	40%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs ONEOK OKLAHOMA NG BASIS (NYM-8X - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
AGRICULTURE - Volatility Scan (volScan) Rate						
CASH SETTLED CHEESE (CSC, CSC) - volScan						
Clearing Member Rate	Mnths 2-5	Decrease		0.025		0.020
MILK CLASS III (9M1, DA, DA, JQ, JQ) - volScan						
Clearing Member Rate	Months 2-5	Decrease		0.025		0.020
Clearing Member Rate	Months 6+	Decrease		0.020		0.015
MILK CLASS IV (9X1, DK, DK) - volScan						
Clearing Member Rate	Months 6+	Decrease		0.035		0.030