



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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, May 03, 2018

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, May 04, 2018.

Current rates as of:

Thursday, May 03, 2018.

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
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Outright Rates

CRUDE OIL SPREADS - Outright Rates

WTI MIDLAND (ARG) VS. WTI TRADE MTH (WTT)

WTT	Spec	Mnth 1	Increase	USD	1,375	1,250	1,925	1,750
WTT	Hedge/Member	Mnth 1	Increase	USD	1,250	1,250	1,750	1,750
WTT	Spec	Mnths 2-3	Increase	USD	1,375	1,250	1,925	1,750
WTT	Hedge/Member	Mnths 2-3	Increase	USD	1,250	1,250	1,750	1,750
WTT	Spec	Mnths 4-7	Increase	USD	1,320	1,200	1,815	1,650
WTT	Hedge/Member	Mnths 4-7	Increase	USD	1,200	1,200	1,650	1,650
WTT	Spec	Mnths 8+	Increase	USD	1,045	950	1,375	1,250
WTT	Hedge/Member	Mnths 8+	Increase	USD	950	950	1,250	1,250

WTI MIDLAND(ARGUS) VS WTI FINCL FUT (FF)

FF	Spec	Mnth1	Increase	USD	1,375	1,250	1,925	1,750
FF	Hedge/Member	Mnth1	Increase	USD	1,250	1,250	1,750	1,750
FF	Spec	Mnths 2-3	Increase	USD	1,375	1,250	1,925	1,750
FF	Hedge/Member	Mnths 2-3	Increase	USD	1,250	1,250	1,750	1,750
FF	Spec	Mnths 4-7	Increase	USD	1,320	1,200	1,815	1,650
FF	Hedge/Member	Mnths 4-7	Increase	USD	1,200	1,200	1,650	1,650
FF	Spec	Mths 8+	Increase	USD	1,045	950	1,375	1,250
FF	Hedge/Member	Mths 8+	Increase	USD	950	950	1,250	1,250

WTS (ARGUS) V WTI TRD MTH FUT (FH)

FH	Spec	Mnth 1	Increase	USD	1,540	1,400	2,145	1,950
FH	Hedge/Member	Mnth 1	Increase	USD	1,400	1,400	1,950	1,950
FH	Spec	Mnths 2-3	Increase	USD	1,540	1,400	2,145	1,950
FH	Hedge/Member	Mnths 2-3	Increase	USD	1,400	1,400	1,950	1,950
FH	Spec	Mnths 4-7	Increase	USD	1,430	1,300	1,980	1,800
FH	Hedge/Member	Mnths 4-7	Increase	USD	1,300	1,300	1,800	1,800
FH	Spec	Mnths 8+	Increase	USD	1,210	1,100	1,650	1,500
FH	Hedge/Member	Mnths 8+	Increase	USD	1,100	1,100	1,500	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ELECTRICITY - Outright Rates								
ERCOT HOUSTON ZONE MCPE 50 MW OFF-PEAK CALENDAR-DAY SWAP FUTURES (3E)								
3E	Spec		Decrease	USD	3,300	3,000	1,925	1,750
3E	Hedge/Member		Decrease	USD	3,000	3,000	1,750	1,750
ERCOT NORTH ZONE MCPE 50 MW OFF-PEAK CALENDAR-DAY SWAP FUTURES (3F)								
3F	Spec	Days 1-10	Decrease	USD	1,980	1,800	1,100	1,000
3F	Hedge/Member	Days 1-10	Decrease	USD	1,800	1,800	1,000	1,000
3F	Spec	Days 16+	Decrease	USD	1,320	1,200	1,100	1,000
3F	Hedge/Member	Days 16+	Decrease	USD	1,200	1,200	1,000	1,000
ERCOT HSTN 345 KV HUB 5 MW PEAK FUT (I1)								
I1	Spec	Mnth 1	Increase	USD	1,320	1,200	1,540	1,400
I1	Hedge/Member	Mnth 1	Increase	USD	1,200	1,200	1,400	1,400
I1	Spec	Mnth 2	Increase	USD	1,320	1,200	1,540	1,400
I1	Hedge/Member	Mnth 2	Increase	USD	1,200	1,200	1,400	1,400
I1	Spec	Mnths 3-11	Increase	USD	715	650	935	850
I1	Hedge/Member	Mnths 3-11	Increase	USD	650	650	850	850
ERCOT HSTN 345 KV HUB 5 OFFPK CLN D (I4)								
I4	Spec		Decrease	USD	330	300	193	175
I4	Hedge/Member		Decrease	USD	300	300	175	175
ERCOT NRTH 345 KV HUB 5 MW OFFPK S (I6)								
I6	Spec	Mnth 1	Increase	USD	22	20	28	25
I6	Hedge/Member	Mnth 1	Increase	USD	20	20	25	25
I6	Spec	Mnth 2	Increase	USD	17	15	22	20
I6	Hedge/Member	Mnth 2	Increase	USD	15	15	20	20
I6	Spec	Mnths 3-11	Increase	USD	17	15	22	20
I6	Hedge/Member	Mnths 3-11	Increase	USD	15	15	20	20
I6	Spec	Mnths 12+	Increase	USD	17	15	22	20
I6	Hedge/Member	Mnths 12+	Increase	USD	15	15	20	20
ERCOT NRTH 345 KV HUB 5 MW PEAK FUT (I5)								
I5	Spec	Mnth 1	Increase	USD	660	600	825	750
I5	Hedge/Member	Mnth 1	Increase	USD	600	600	750	750
I5	Spec	Mnth 2-3	Increase	USD	660	600	825	750
I5	Hedge/Member	Mnth 2-3	Increase	USD	600	600	750	750
I5	Spec	Mnths 4-11	Increase	USD	660	600	825	750
I5	Hedge/Member	Mnths 4-11	Increase	USD	600	600	750	750

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

ERCOT NRTH 345 KV HUB OFFPK CLN D (I8)

I8	Spec	Days 1-10	Decrease	USD	198	180	110	100
I8	Hedge/Member	Days 1-10	Decrease	USD	180	180	100	100
I8	Spec	Days 16+	Decrease	USD	132	120	110	100
I8	Hedge/Member	Days 16+	Decrease	USD	120	120	100	100

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 ON E-MINI DJIA FUTURES (YMT)								
YMT	Spec		Decrease	USD	5,830	5,300	5,390	4,900
YMT	Hedge/Member		Decrease	USD	5,300	5,300	4,900	4,900
BTIC ON EMINI RUSSELL 2000 INDEX FU (RLT)								
RLT	Spec	Month 1	Decrease	USD	3,850	3,500	3,465	3,150
RLT	Hedge/Member	Month 1	Decrease	USD	3,500	3,500	3,150	3,150
RLT	Spec	Months 2+	Decrease	USD	3,850	3,500	3,465	3,150
RLT	Hedge/Member	Months 2+	Decrease	USD	3,500	3,500	3,150	3,150
BTIC ON E-MINI S&P 500 FUTURES (EST)								
EST	Spec	Month 1	Decrease	USD	6,380	5,800	5,940	5,400
EST	Hedge/Member	Month 1	Decrease	USD	5,800	5,800	5,400	5,400
EST	Spec	Months 2+	Decrease	USD	6,380	5,800	5,940	5,400
EST	Hedge/Member	Months 2+	Decrease	USD	5,800	5,800	5,400	5,400
BTIC S&P 500 / GROWTH (SGT)								
SGT	Spec		Decrease	USD	18,700	17,000	17,600	16,000
SGT	Hedge/Member		Decrease	USD	17,000	17,000	16,000	16,000
BTIC S&P/ CITIGROUP VALUE FUTURE (SUT)								
SUT	Spec		Decrease	USD	13,200	12,000	12,100	11,000
SUT	Hedge/Member		Decrease	USD	12,000	12,000	11,000	11,000
E-MINI DJIA FUTURES MARKER (YMI)								
YMI	Spec		Decrease	USD	5,830	5,300	5,390	4,900
YMI	Hedge/Member		Decrease	USD	5,300	5,300	4,900	4,900
E-MINI DOW (\$5) FUTURES (YM)								
YM	Spec		Decrease	USD	5,830	5,300	5,390	4,900
YM	Hedge/Member		Decrease	USD	5,300	5,300	4,900	4,900
EMINI RUSSELL 2000 INDEX FUTURES (RTY)								
RTY	Spec	Month 1	Decrease	USD	3,850	3,500	3,465	3,150
RTY	Hedge/Member	Month 1	Decrease	USD	3,500	3,500	3,150	3,150
RTY	Spec	Months 2+	Decrease	USD	3,850	3,500	3,465	3,150
RTY	Hedge/Member	Months 2+	Decrease	USD	3,500	3,500	3,150	3,150
E-MINI S&P 500 FUTURES (ES)								
ES	Spec	Month 1	Decrease	USD	6,380	5,800	5,940	5,400
ES	Hedge/Member	Month 1	Decrease	USD	5,800	5,800	5,400	5,400
ES	Spec	Months 2+	Decrease	USD	6,380	5,800	5,940	5,400
ES	Hedge/Member	Months 2+	Decrease	USD	5,800	5,800	5,400	5,400

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

E-MINI S&P 500 FUTURES MARKER (ESI)

ESI	Spec	Month 1	Decrease	USD	6,380	5,800	5,940	5,400
ESI	Hedge/Member	Month 1	Decrease	USD	5,800	5,800	5,400	5,400
ESI	Spec	Months 2+	Decrease	USD	6,380	5,800	5,940	5,400
ESI	Hedge/Member	Months 2+	Decrease	USD	5,800	5,800	5,400	5,400

S&P 500 / GROWTH SYNT MARKER (TGT)

TGT	Spec		Decrease	USD	18,700	17,000	17,600	16,000
TGT	Hedge/Member		Decrease	USD	17,000	17,000	16,000	16,000

S&P 500 FUTURES (SP)

SP	Spec	Month 1	Decrease	USD	31,900	29,000	29,700	27,000
SP	Hedge/Member	Month 1	Decrease	USD	29,000	29,000	27,000	27,000
SP	Spec	Months 2+	Decrease	USD	31,900	29,000	29,700	27,000
SP	Hedge/Member	Months 2+	Decrease	USD	29,000	29,000	27,000	27,000

S&P VALUE INDEX SYNT MARKER (TST)

TST	Spec		Decrease	USD	13,200	12,000	12,100	11,000
TST	Hedge/Member		Decrease	USD	12,000	12,000	11,000	11,000

S&P/ CITIGROUP GROWTH INDEX FUTURES (SG)

SG	Spec		Decrease	USD	18,700	17,000	17,600	16,000
SG	Hedge/Member		Decrease	USD	17,000	17,000	16,000	16,000

S&P/ CITIGROUP VALUE FUTURES (SU)

SU	Spec		Decrease	USD	13,200	12,000	12,100	11,000
SU	Hedge/Member		Decrease	USD	12,000	12,000	11,000	11,000

TACO ON E-MINI S&P 500 FUTURES (ESQ)

ESQ	Spec	Month 1	Decrease	USD	6,380	5,800	5,940	5,400
ESQ	Hedge/Member	Month 1	Decrease	USD	5,800	5,800	5,400	5,400
ESQ	Spec	Months 2+	Decrease	USD	6,380	5,800	5,940	5,400
ESQ	Hedge/Member	Months 2+	Decrease	USD	5,800	5,800	5,400	5,400

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

METALS - Outright Rates

ALUMINA FOB AUSTRALIA PLATT FUTURES (ALA)

ALA	Spec	Mths 1-4	Increase	USD	5,720	5,200	7,700	7,000
ALA	Hedge/Member	Mths 1-4	Increase	USD	5,200	5,200	7,000	7,000
ALA	Spec	Mths 5+	Increase	USD	5,720	5,200	7,700	7,000
ALA	Hedge/Member	Mths 5+	Increase	USD	5,200	5,200	7,000	7,000

ALUMINA FOB METAL BULLETIN FUTURES (ALB)

ALB	Spec	Mths 1-4	Increase	USD	5,720	5,200	7,700	7,000
ALB	Hedge/Member	Mths 1-4	Increase	USD	5,200	5,200	7,000	7,000
ALB	Spec	Mths 5+	Increase	USD	5,720	5,200	7,700	7,000
ALB	Hedge/Member	Mths 5+	Increase	USD	5,200	5,200	7,000	7,000

ALUMINIUM EURO PREM DUTY-PAID FUT (EDP)

EDP	Spec	Mth 1	Increase	USD	825	750	1,045	950
EDP	Hedge/Member	Mth 1	Increase	USD	750	750	950	950
EDP	Spec	Mths 2-9	Increase	USD	825	750	1,045	950
EDP	Hedge/Member	Mths 2-9	Increase	USD	750	750	950	950
EDP	Spec	Mths 10+	Increase	USD	825	750	1,045	950
EDP	Hedge/Member	Mths 10+	Increase	USD	750	750	950	950

ALUMINIUM EURO PREM METAL BULLETIN (AEP)

AEP	Spec	Mth 1	Increase	USD	770	700	880	800
AEP	Hedge/Member	Mth 1	Increase	USD	700	700	800	800
AEP	Spec	Mths 2-9	Increase	USD	770	700	880	800
AEP	Hedge/Member	Mths 2-9	Increase	USD	700	700	800	800
AEP	Spec	Mths 10+	Increase	USD	880	800	990	900
AEP	Hedge/Member	Mths 10+	Increase	USD	800	800	900	900

ALUMINUM JAPAN PREMIUM (PLATTS) FUT (MJP)

MJP	Spec	Mth 1	Increase	USD	715	650	825	750
MJP	Hedge/Member	Mth 1	Increase	USD	650	650	750	750
MJP	Spec	Mths 2-9	Increase	USD	715	650	825	750
MJP	Hedge/Member	Mths 2-9	Increase	USD	650	650	750	750
MJP	Spec	Mths 10+	Increase	USD	715	650	825	750
MJP	Hedge/Member	Mths 10+	Increase	USD	650	650	750	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

NGL/PETROCHEMICALS - Outright Rates

CONWAY PROPANE 5 DEC. FUT (8K)

8K	Spec	Mth 1	Decrease	USD	3,080	2,800	2,200	2,000
8K	Hedge/Member	Mth 1	Decrease	USD	2,800	2,800	2,000	2,000
8K	Spec	Mth 2	Decrease	USD	2,310	2,100	1,760	1,600
8K	Hedge/Member	Mth 2	Decrease	USD	2,100	2,100	1,600	1,600
8K	Spec	Mth 3	Decrease	USD	1,980	1,800	1,540	1,400
8K	Hedge/Member	Mth 3	Decrease	USD	1,800	1,800	1,400	1,400
8K	Spec	Mths 4-11	Decrease	USD	1,760	1,600	1,375	1,250
8K	Hedge/Member	Mths 4-11	Decrease	USD	1,600	1,600	1,250	1,250
8K	Spec	Mths 12-24	Decrease	USD	1,540	1,400	1,210	1,100
8K	Hedge/Member	Mths 12-24	Decrease	USD	1,400	1,400	1,100	1,100
8K	Spec	Mnths 25+	Decrease	USD	1,540	1,400	1,210	1,100
8K	Hedge/Member	Mnths 25+	Decrease	USD	1,400	1,400	1,100	1,100

MONT BELVIEU NAT GAS (OPIS) FUT (W3)

W3	Spec	Mnth 1	Decrease	USD	4,620	4,200	3,300	3,000
W3	Hedge/Member	Mnth 1	Decrease	USD	4,200	4,200	3,000	3,000
W3	Spec	Mnths 2	Decrease	USD	3,300	3,000	2,420	2,200
W3	Hedge/Member	Mnths 2	Decrease	USD	3,000	3,000	2,200	2,200
W3	Spec	Mnth 3+	Decrease	USD	2,750	2,500	2,200	2,000
W3	Hedge/Member	Mnth 3+	Decrease	USD	2,500	2,500	2,000	2,000

MT BELVIEU ETHANE BALMO FUT (8C)

8C	Spec		Decrease	USD	1,100	1,000	825	750
8C	Hedge/Member		Decrease	USD	1,000	1,000	750	750

MT BELVIEU NAT GASOLINE BALMO (R0)

R0	Spec		Decrease	USD	4,950	4,500	4,125	3,750
R0	Hedge/Member		Decrease	USD	4,500	4,500	3,750	3,750

MT BELVIEU NORMAL BUTANE BALM (8J)

8J	Spec		Decrease	USD	11,000	10,000	4,400	4,000
8J	Hedge/Member		Decrease	USD	10,000	10,000	4,000	4,000

MT BELVIEU ETHYLENE IN-WELL(PCW) (MBE)

MBE	Spec	Month 1	Decrease	USD	3,080	2,800	2,420	2,200
MBE	Hedge/Member	Month 1	Decrease	USD	2,800	2,800	2,200	2,200
MBE	Spec	Months 2+	Decrease	USD	2,750	2,500	2,200	2,000
MBE	Hedge/Member	Months 2+	Decrease	USD	2,500	2,500	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								
MT BELVIEU ISO BUTANE 5 DEC. S (8I)								
8I	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,630	3,300
8I	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,300	3,300
8I	Spec	Mnths 2	Decrease	USD	2,640	2,400	1,980	1,800
8I	Hedge/Member	Mnths 2	Decrease	USD	2,400	2,400	1,800	1,800
8I	Spec	Mnth 3-6	Decrease	USD	1,980	1,800	1,760	1,600
8I	Hedge/Member	Mnth 3-6	Decrease	USD	1,800	1,800	1,600	1,600
MT BELVIEU NAT GAS 5 D. OPIS (7Q)								
7Q	Spec	Mnth 1	Decrease	USD	4,620	4,200	3,300	3,000
7Q	Hedge/Member	Mnth 1	Decrease	USD	4,200	4,200	3,000	3,000
7Q	Spec	Mnths 2	Decrease	USD	3,300	3,000	2,420	2,200
7Q	Hedge/Member	Mnths 2	Decrease	USD	3,000	3,000	2,200	2,200
7Q	Spec	Mnth 3+	Decrease	USD	2,750	2,500	2,200	2,000
7Q	Hedge/Member	Mnth 3+	Decrease	USD	2,500	2,500	2,000	2,000
MT BELVIEU NORMAL BUTANE LDH(OPIS) (MNB)								
MNB	Spec	Mnth 1	Decrease	USD	3,410	3,100	3,300	3,000
MNB	Hedge/Member	Mnth 1	Decrease	USD	3,100	3,100	3,000	3,000
MNB	Spec	Mnth 2	Decrease	USD	2,750	2,500	2,200	2,000
MNB	Hedge/Member	Mnth 2	Decrease	USD	2,500	2,500	2,000	2,000
MNB	Spec	Mnth 3+	Decrease	USD	2,200	2,000	1,760	1,600
MNB	Hedge/Member	Mnth 3+	Decrease	USD	2,000	2,000	1,600	1,600
MT. BELVIEU ETHANE (OPIS) BLM (V4)								
V4	Spec		Decrease	USD	1,100	1,000	825	750
V4	Hedge/Member		Decrease	USD	1,000	1,000	750	750
MT. BELVIEU ETHYLENE(PCW) FIN FUT (MBN)								
MBN	Spec	Mnth 1	Decrease	USD	3,410	3,100	2,420	2,200
MBN	Hedge/Member	Mnth 1	Decrease	USD	3,100	3,100	2,200	2,200
MBN	Spec	Mnths 2+	Decrease	USD	3,410	3,100	2,420	2,200
MBN	Hedge/Member	Mnths 2+	Decrease	USD	3,100	3,100	2,200	2,200
MT. BELVIEU NAT GAS (OPIS) BLM (V5)								
V5	Spec		Decrease	USD	4,950	4,500	4,125	3,750
V5	Hedge/Member		Decrease	USD	4,500	4,500	3,750	3,750
MT. BELVIEU PHSCL ETHANE OPIS (3Q)								
3Q	Spec		Decrease	USD	935	850	715	650
3Q	Hedge/Member		Decrease	USD	850	850	650	650

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PROPANE NON LDH MT BELVIEU (1R)								
1R	Spec	Mth 1	Decrease	USD	2,750	2,500	2,200	2,000
1R	Hedge/Member	Mth 1	Decrease	USD	2,500	2,500	2,000	2,000
1R	Spec	Mth 2	Decrease	USD	2,200	2,000	1,870	1,700
1R	Hedge/Member	Mth 2	Decrease	USD	2,000	2,000	1,700	1,700
1R	Spec	Mnth 3+	Decrease	USD	1,650	1,500	1,485	1,350
1R	Hedge/Member	Mnth 3+	Decrease	USD	1,500	1,500	1,350	1,350
PETROLEUM CRACKS AND SPREADS - Outright Rates								
EAST/WEST FUEL OIL SPREAD FUT (EW)								
EW	Spec	Mth 1	Decrease	USD	5,500	5,000	4,400	4,000
EW	Hedge/Member	Mth 1	Decrease	USD	5,000	5,000	4,000	4,000
EURO DIESEL 10PPM VS. ICE (ET)								
ET	Spec	Mnths 1	Decrease	USD	1,375	1,250	1,155	1,050
ET	Hedge/Member	Mnths 1	Decrease	USD	1,250	1,250	1,050	1,050
MINI EAST-WEST FUEL OIL FUTURES (MEW)								
MEW	Spec	Mth 1	Decrease	USD	550	500	440	400
MEW	Hedge/Member	Mth 1	Decrease	USD	500	500	400	400
MINI EUR DIESEL10PPM VS ICE GS FUT (MUD)								
MUD	Spec	Mnths 1	Decrease	USD	138	125	116	105
MUD	Hedge/Member	Mnths 1	Decrease	USD	125	125	105	105
NY 3% FUEL OIL V GULF COAST NO6 3% (FOC)								
FOC	Spec		Decrease	USD	990	900	660	600
FOC	Hedge/Member		Decrease	USD	900	900	600	600
SINGAPORE FUEL OIL SPREAD FUT (SD)								
SD	Spec	Mnth 2	Increase	USD	1,210	1,100	1,485	1,350
SD	Hedge/Member	Mnth 2	Increase	USD	1,100	1,100	1,350	1,350

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

REFINED PRODUCTS - Outright Rates

EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)

UV	Spec	Mnths 2-6	Decrease	USD	12,650	11,500	12,100	11,000
UV	Hedge/Member	Mnths 2-6	Decrease	USD	11,500	11,500	11,000	11,000
UV	Spec	Mnths 7-10	New	USD			12,650	11,500
UV	Hedge/Member	Mnths 7-10	New	USD			11,500	11,500

MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)

0D	Spec	Mnths 2-6	Decrease	USD	1,265	1,150	1,210	1,100
0D	Hedge/Member	Mnths 2-6	Decrease	USD	1,150	1,150	1,100	1,100
0D	Spec	Mnths 7-10	New	USD			1,265	1,150
0D	Hedge/Member	Mnths 7-10	New	USD			1,150	1,150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

CRUDE OIL SPREADS - Intra Spreads

WTI Midland (Argus) vs. WTI Trade Month Futures (WTI MIDLAND (ARG) VS. WTI TRADE MTH)

WTT	Spec		Increase	USD	770	700	1,045	950
WTT	Hedge/Member		Increase	USD	700	700	950	950

WTS (Argus) vs. WTI Spread Trade Month Swap - All Months (WTS (ARGUS) V WTI TRD MTH FUT)

FH	Spec		Increase	USD	468	425	660	600
FH	Hedge/Member		Increase	USD	425	425	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

ELECTRICITY - Intra Spreads

German Power Baseload Calendar month futures - Months 10+ vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)

DEB	Spec	Increase	EUR	495	450	605	550
DEB	Hedge/Member	Increase	EUR	450	450	550	550

German Power Baseload Calendar month futures - Months 4-9 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)

DEB	Spec	Increase	EUR	880	800	1,045	950
DEB	Hedge/Member	Increase	EUR	800	800	950	950

German Power Baseload Calendar month futures - Months 4-9 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)

DEB	Spec	Increase	EUR	990	900	1,210	1,100
DEB	Hedge/Member	Increase	EUR	900	900	1,100	1,100

German Power Peakload Calendar month futures – Months 1 vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)

DEP	Spec	Decrease	EUR	1,650	1,500	1,320	1,200
DEP	Hedge/Member	Decrease	EUR	1,500	1,500	1,200	1,200

German Power Peakload Calendar month futures – Months 1 vs 3 (GERMAN POWER PEAKLOAD CAL MONTH FUT)

DEP	Spec	Decrease	EUR	1,650	1,500	1,320	1,200
DEP	Hedge/Member	Decrease	EUR	1,500	1,500	1,200	1,200

German Power Peakload Calendar month futures – Months 1 vs 4-9 (GERMAN POWER PEAKLOAD CAL MONTH FUT)

DEP	Spec	Decrease	EUR	1,650	1,500	1,320	1,200
DEP	Hedge/Member	Decrease	EUR	1,500	1,500	1,200	1,200

German Power Peakload Calendar month futures – Months 3 vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)

DEP	Spec	Decrease	EUR	1,100	1,000	990	900
DEP	Hedge/Member	Decrease	EUR	1,000	1,000	900	900

Italian Power Baseload Calendar month futures – Months 1 vs 10+ (ITALIAN POWER BASELOAD GME CAL FUT)

ITB	Spec	Decrease	EUR	4,400	4,000	3,080	2,800
ITB	Hedge/Member	Decrease	EUR	4,000	4,000	2,800	2,800

Italian Power Baseload Calendar month futures – Months 1 vs 3 (ITALIAN POWER BASELOAD GME CAL FUT)

ITB	Spec	Decrease	EUR	4,070	3,700	2,420	2,200
ITB	Hedge/Member	Decrease	EUR	3,700	3,700	2,200	2,200

Italian Power Baseload Calendar month futures – Months 1 vs 4-9 (ITALIAN POWER BASELOAD GME CAL FUT)

ITB	Spec	Decrease	EUR	4,070	3,700	2,750	2,500
ITB	Hedge/Member	Decrease	EUR	3,700	3,700	2,500	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Italian Power Peakload Calendar month futures – Months 1 vs 10+ (ITALIAN POWER PEAKLOAD GME CAL FUT)

ITP	Spec		Decrease	EUR	2,640	2,400	2,090	1,900
ITP	Hedge/Member		Decrease	EUR	2,400	2,400	1,900	1,900

Italian Power Peakload Calendar month futures – Months 1 vs 3 (ITALIAN POWER PEAKLOAD GME CAL FUT)

ITP	Spec		Decrease	EUR	2,640	2,400	2,090	1,900
ITP	Hedge/Member		Decrease	EUR	2,400	2,400	1,900	1,900

Italian Power Peakload Calendar month futures – Months 1 vs 4-9 (ITALIAN POWER PEAKLOAD GME CAL FUT)

ITP	Spec		Decrease	EUR	2,640	2,400	2,090	1,900
ITP	Hedge/Member		Decrease	EUR	2,400	2,400	1,900	1,900

Italian Power Peakload Calendar month futures – Months 3 vs 10+ (ITALIAN POWER PEAKLOAD GME CAL FUT)

ITP	Spec		Decrease	EUR	1,870	1,700	1,540	1,400
ITP	Hedge/Member		Decrease	EUR	1,700	1,700	1,400	1,400

Italian Power Peakload Calendar month futures – Months 3 vs 4-9 (ITALIAN POWER PEAKLOAD GME CAL FUT)

ITP	Spec		Decrease	EUR	1,540	1,400	1,210	1,100
ITP	Hedge/Member		Decrease	EUR	1,400	1,400	1,100	1,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
METALS - Intra Spreads								
All Months (ALUMINIUM EURO PREM DUTY-PAID FUT)								
EDP	Spec		Increase	USD	660	600	880	800
EDP	Hedge/Member		Increase	USD	600	600	800	800
Consecutive Spread - Months 2+ (ALUMINIUM EURO PREM DUTY-PAID FUT)								
EDP	Spec		Increase	USD	440	400	605	550
EDP	Hedge/Member		Increase	USD	400	400	550	550
Mths 1-11 vs Mths 1-11 (ALUMINIUM EURO PREM METAL BULLETIN)								
AEP	Spec		Increase	USD	660	600	770	700
AEP	Hedge/Member		Increase	USD	600	600	700	700
Mths 1-11 vs Mths 12+ (ALUMINIUM EURO PREM METAL BULLETIN)								
AEP	Spec		Increase	USD	743	675	880	800
AEP	Hedge/Member		Increase	USD	675	675	800	800
Mths 12+ vs Mths 12+ (ALUMINIUM EURO PREM METAL BULLETIN)								
AEP	Spec		Increase	USD	660	600	770	700
AEP	Hedge/Member		Increase	USD	600	600	700	700
Mths 1-4 vs Mths 1-4 (ALUMINA FOB AUSTRALIA PLATT FUTURES)								
ALA	Spec		Increase	USD	3,190	2,900	4,400	4,000
ALA	Hedge/Member		Increase	USD	2,900	2,900	4,000	4,000
Mths 1-4 vs Mths 1-4 (ALUMINA FOB METAL BULLETIN FUTURES)								
ALB	Spec		Increase	USD	3,190	2,900	4,400	4,000
ALB	Hedge/Member		Increase	USD	2,900	2,900	4,000	4,000
Mths 1-4 vs Mths 5+ (ALUMINA FOB AUSTRALIA PLATT FUTURES)								
ALA	Spec		Increase	USD	3,190	2,900	4,400	4,000
ALA	Hedge/Member		Increase	USD	2,900	2,900	4,000	4,000
Mths 1-4 vs Mths 5+ (ALUMINA FOB METAL BULLETIN FUTURES)								
ALB	Spec		Increase	USD	3,190	2,900	4,400	4,000
ALB	Hedge/Member		Increase	USD	2,900	2,900	4,000	4,000
Mths 1-6 vs 7+ (ALUMINUM JAPAN PREMIUM (PLATTS) FUT)								
MJP	Spec		Increase	USD	743	675	880	800
MJP	Hedge/Member		Increase	USD	675	675	800	800
Mths 1-6 vs Mths 1-6 (ALUMINUM JAPAN PREMIUM (PLATTS) FUT)								
MJP	Spec		Increase	USD	660	600	770	700
MJP	Hedge/Member		Increase	USD	600	600	700	700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mths 5+ vs Mths 5+ (ALUMINA FOB AUSTRALIA PLATT FUTURES)								
ALA	Spec		Increase	USD	3,190	2,900	4,400	4,000
ALA	Hedge/Member		Increase	USD	2,900	2,900	4,000	4,000
Mths 5+ vs Mths 5+ (ALUMINA FOB METAL BULLETIN FUTURES)								
ALB	Spec		Increase	USD	3,190	2,900	4,400	4,000
ALB	Hedge/Member		Increase	USD	2,900	2,900	4,000	4,000
Mths 7+ vs Mths 7+ (ALUMINUM JAPAN PREMIUM (PLATTS) FUT)								
MJP	Spec		Increase	USD	743	675	880	800
MJP	Hedge/Member		Increase	USD	675	675	800	800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
NATURAL GAS - Intra Spreads								
(HENRY HUB TTF NAT GAS SPREAD FUTURE)								
NYP	Spec		Increase	USD	1,980	1,800	2,475	2,250
NYP	Hedge/Member		Increase	USD	1,800	1,800	2,250	2,250
THD	Spec		Increase	USD	1,650	1,500	2,035	1,850
THD	Hedge/Member		Increase	USD	1,500	1,500	1,850	1,850
CIG Rocky Mountain Basis Swap (Platts IFERC) - All Months (CIG BASIS)								
CI	Spec		Increase	USD	275	250	308	280
CI	Hedge/Member		Increase	USD	250	250	280	280
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Spec		Increase	EUR	660	600	825	750
TTF	Hedge/Member		Increase	EUR	600	600	750	750
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Spec		Increase	EUR	660	600	770	700
TTF	Hedge/Member		Increase	EUR	600	600	700	700
Dutch TTF Natural Gas Calendar Month Futures - Month 2 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Spec		Decrease	EUR	605	550	550	500
TTF	Hedge/Member		Decrease	EUR	550	550	500	500
Dutch TTF Natural Gas Calendar Month Futures - Month 2 vs 3 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Spec		Decrease	EUR	495	450	330	300
TTF	Hedge/Member		Decrease	EUR	450	450	300	300
Dutch TTF Natural Gas Calendar Month Futures - Month 3 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Spec		Increase	EUR	495	450	550	500
TTF	Hedge/Member		Increase	EUR	450	450	500	500
Dutch TTF Natural Gas Calendar Month Futures - Month 3 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Spec		Increase	EUR	440	400	495	450
TTF	Hedge/Member		Increase	EUR	400	400	450	450
Dutch TTF Natural Gas Calendar Month Futures - Months 10+ vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Spec		Increase	EUR	330	300	385	350
TTF	Hedge/Member		Increase	EUR	300	300	350	350
El Paso Natural Gas Co. Permian Basin Basis Swap - All Months (PERMIAN BASIS FUT)								
PM	Spec		Increase	USD	330	300	440	400
PM	Hedge/Member		Increase	USD	300	300	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Henry Hub Swap - All Months (HENRY HUB BASIS FUT)								
HB	Spec		Increase	USD	22	20	28	25
HB	Hedge/Member		Increase	USD	20	20	25	25
NBP Intras 2+ vs 2+ (UK NBP NATURAL GAS FRONT MTH FUT)								
NBP	Spec		Increase	USD	1,760	1,600	1,980	1,800
NBP	Hedge/Member		Increase	USD	1,600	1,600	1,800	1,800
NGPL Mid-Continent Basis - All Months (NGPL MIDCONTINENT BASIS FUT)								
NL	Spec		Increase	USD	220	200	275	250
NL	Hedge/Member		Increase	USD	200	200	250	250
NORTH NAT GAS VENTURA, IOWA (PF) - All Months (VENTURA BASIS FUT)								
PF	Spec		Increase	USD	330	300	407	370
PF	Hedge/Member		Increase	USD	300	300	370	370
ONEOK OKLAHOMA NG BASIS - All Months (ONEOK OKLAHOMA NG BASIS)								
8X	Spec		Increase	USD	330	300	440	400
8X	Hedge/Member		Increase	USD	300	300	400	400
Panhandle Basis Swap - All Months (PANHANDLE BASIS FUT)								
PH	Spec		Increase	USD	176	160	220	200
PH	Hedge/Member		Increase	USD	160	160	200	200
TETCO STX BASIS (TX) - All Months (TETCO STX BASIS)								
TX	Spec		Increase	USD	198	180	275	250
TX	Hedge/Member		Increase	USD	180	180	250	250
Transco Zone 6 Non-N.Y (Platts IFERC) Basis Swap Futures - All Months (TRANSCO ZONE 6 NON NY BASIS FUT)								
TZ6	Spec		Increase	USD	924	840	1,210	1,100
TZ6	Hedge/Member		Increase	USD	840	840	1,100	1,100
Transcontinental Gas Pipeline Co. (Transco) Zone 4 Basis Swap Futures (Platts IFERC) - All Months (TRANSCO ZONE4 BASIS FUT)								
TR	Spec		Increase	USD	77	70	99	90
TR	Hedge/Member		Increase	USD	70	70	90	90
UK NBP Natural Gas Calendar month futures - Months 1 vs 10+ (UK NBP NAT GAS CAL MTH FUT)								
UKG	Spec		Increase	GBP	990	900	1,155	1,050
UKG	Hedge/Member		Increase	GBP	900	900	1,050	1,050
UK NBP Natural Gas Calendar month futures - Months 1 vs 2 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Spec		Increase	GBP	770	700	880	800
UKG	Hedge/Member		Increase	GBP	700	700	800	800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
UK NBP Natural Gas Calendar month futures - Months 1 vs 3 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Spec		Increase	GBP	770	700	935	850
UKG	Hedge/Member		Increase	GBP	700	700	850	850
UK NBP Natural Gas Calendar month futures - Months 1 vs 4-9 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Spec		Increase	GBP	990	900	1,155	1,050
UKG	Hedge/Member		Increase	GBP	900	900	1,050	1,050
UK NBP Natural Gas Calendar month futures - Months 2 vs 3 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Spec		Decrease	GBP	770	700	550	500
UKG	Hedge/Member		Decrease	GBP	700	700	500	500
UK NBP Natural Gas Calendar month futures - Months 4-9 vs 10+ (UK NBP NAT GAS CAL MTH FUT)								
UKG	Spec		Decrease	GBP	605	550	495	450
UKG	Hedge/Member		Decrease	GBP	550	550	450	450
UK NBP Natural Gas Calendar month futures - Months 4-9 vs 4-9 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Spec		Decrease	GBP	550	500	495	450
UKG	Hedge/Member		Decrease	GBP	500	500	450	450

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
PETROLEUM CRACKS AND SPREADS - Intra Spreads								
1% Fuel Oil NWE Crack Spread Swap - All Months (1% FOIL(PLTS) CARGOES FOB NWE CRACK)								
FVB	Spec		Increase	USD	6,985	6,350	8,382	7,620
FVB	Hedge/Member		Increase	USD	6,350	6,350	7,620	7,620
1% Fuel Oil NWE Crack Spread Swap - All Months (FUEL OIL NWE CRACK VS. ICE)								
FI	Spec		Increase	USD	1,100	1,000	1,320	1,200
FI	Hedge/Member		Increase	USD	1,000	1,000	1,200	1,200
1% Fuel Oil NWE Crack Spread Swap - All Months (MINI 1% FUEL OIL CARGO CRACK)								
MNS	Spec		Increase	USD	699	635	838	762
MNS	Hedge/Member		Increase	USD	635	635	762	762
3.5% Fuel Oil FOB MED Crack Spread Swap - All Months (EURO 3.5% FUEL OIL M CRK)								
FL	Spec		Increase	USD	715	650	880	800
FL	Hedge/Member		Increase	USD	650	650	800	800
3.5% Fuel Oil Rdam v 3.5% FOB MED Spread Swap - Month 1 vs Months 2+ (EURO 3.5% FUEL OIL SPREAD)								
FK	Spec		Increase	USD	1,540	1,400	1,925	1,750
FK	Hedge/Member		Increase	USD	1,400	1,400	1,750	1,750
All Months (SINGAPORE FUEL OIL 180CST CRK S)								
SF1	Spec		Decrease	USD	2,063	1,875	1,375	1,250
SF1	Hedge/Member		Decrease	USD	1,875	1,875	1,250	1,250
CHI Unleaded Gasoline (Platts) Vs. RBOB Spread Swap - All Months (CHICAGO UNL GAS PL VS RBOB SPR)								
3C	Spec		Increase	USD	2,200	2,000	2,750	2,500
3C	Hedge/Member		Increase	USD	2,000	2,000	2,500	2,500
East-West Naphtha: Japan C&F vs. Cargoes CIF NWE Spread (Platts) Swap Futures - Tier 1 vs. Tier 2 (E/W NAPHTHA JAPAN CF VS CRGOES CIF)								
EWN	Spec		Decrease	USD	2,200	2,000	1,870	1,700
EWN	Hedge/Member		Decrease	USD	2,000	2,000	1,700	1,700
East-West Naphtha: Japan C&F vs. Cargoes CIF NWE Spread (Platts) Swap Futures - Tier 2 vs. Tier 2 (E/W NAPHTHA JAPAN CF VS CRGOES CIF)								
EWN	Spec		Decrease	USD	2,200	2,000	1,870	1,700
EWN	Hedge/Member		Decrease	USD	2,000	2,000	1,700	1,700
European 1% Fuel Oil Cargoes FOB MED vs. European 1% Fuel Oil Cargoes FOB NWE Spread (Platts) Swap Futures - All Months (EUR1%FUEL OIL CARG FOB MED V FOBNWE)								
ENS	Spec		Decrease	USD	2,200	2,000	1,815	1,650
ENS	Hedge/Member		Decrease	USD	2,000	2,000	1,650	1,650

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European 3.5% Fuel Oil Barges Fob Rdam (Platts) Mini Weekly Spread Futures - All Weeks (EUR 3.5FUEL OIL RDAM PLATTS WK SPRD)								
EMW	Spec		Decrease	USD	825	750	715	650
EMW	Hedge/Member		Decrease	USD	750	750	650	650
EUROPEAN DIESEL 10PPM BARGES FOB RDAM (PLATTS) VS. NY HARBOR ULSD FUTURES (DIESEL BARG FOB VS NY ULSD HEAT OIL)								
EL1	Spec		Decrease	USD	3,300	3,000	2,200	2,000
EL1	Hedge/Member		Decrease	USD	3,000	3,000	2,000	2,000
European Gasoil 10PPM Rdam Barges v. Gasoil Futures Swap - Month 1 vs Months 2+ (EURO DIESEL 10PPM VS. ICE)								
ET	Spec		Decrease	USD	1,760	1,600	1,320	1,200
ET	Hedge/Member		Decrease	USD	1,600	1,600	1,200	1,200
European Gasoil 10PPM Rdam Barges v. Gasoil Futures Swap - Month 1 vs Months 2+ (MINI EUR DIESEL10PPM VS ICE GS FUT)								
MUD	Spec		Decrease	USD	176	160	132	120
MUD	Hedge/Member		Decrease	USD	160	160	120	120
European Gasoil 10PPM Rdam Barges v. Gasoil Futures Swap - Months 2+ vs Months 2+ (EURO DIESEL 10PPM VS. ICE)								
ET	Spec		Decrease	USD	1,210	1,100	990	900
ET	Hedge/Member		Decrease	USD	1,100	1,100	900	900
European Gasoil 10PPM Rdam Barges v. Gasoil Futures Swap - Months 2+ vs Months 2+ (MINI EUR DIESEL10PPM VS ICE GS FUT)								
MUD	Spec		Decrease	USD	121	110	99	90
MUD	Hedge/Member		Decrease	USD	110	110	90	90
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 1-3 (JET CIF NWE VS ICE)								
JC	Spec		New	USD			2,530	2,300
JC	Hedge/Member		New	USD			2,300	2,300
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 1-3 (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Spec		New	USD			253	230
MJC	Hedge/Member		New	USD			230	230
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 4+ (JET CIF NWE VS ICE)								
JC	Spec		New	USD			2,530	2,300
JC	Hedge/Member		New	USD			2,300	2,300
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 4+ (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Spec		New	USD			253	230
MJC	Hedge/Member		New	USD			230	230

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European Jet CIF NWE v. Gasoil Futures Swap - 4+ vs 4+ (JET CIF NWE VS ICE)								
JC	Spec		New	USD			1,870	1,700
JC	Hedge/Member		New	USD			1,700	1,700
European Jet CIF NWE v. Gasoil Futures Swap - 4+ vs 4+ (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Spec		New	USD			187	170
MJC	Hedge/Member		New	USD			170	170
European Jet Rdam Barges vs. Gasoil Futures Swap - All Months (JET BARGES VS. ICE GASOIL FUT)								
JR	Spec		Decrease	USD	4,400	4,000	3,850	3,500
JR	Hedge/Member		Decrease	USD	4,000	4,000	3,500	3,500
European Jet Rdam Barges vs. Gasoil Futures Swap - All Months (MIN JET KERO BRGES FOB RDAM VS GSL)								
MJB	Spec		Decrease	USD	440	400	385	350
MJB	Hedge/Member		Decrease	USD	400	400	350	350
European Naphtha (Platts) Crack Spread BALMO Swap Futures- All Months (EUROP NAPHTHA PLATTS CRCK SPR BALMO)								
43	Spec		Increase	USD	550	500	715	650
43	Hedge/Member		Increase	USD	500	500	650	650
European Naphtha (Platts) Crack Spread BALMO Swap Futures- All Months (NPHTHA(PLATS)CRGOES CIF NWE CK BLMO)								
NBB	Spec		Increase	USD	4,895	4,450	6,364	5,785
NBB	Hedge/Member		Increase	USD	4,450	4,450	5,785	5,785
European Propane CIF ARA (Argus) vs. Naphtha CIF NEW (Platts) Swap Futures - 1 vs 2+ (EURO PPNE CIFARG VS NAPHTHA NWE FU)								
EPN	Spec		Increase	USD	4,950	4,500	6,160	5,600
EPN	Hedge/Member		Increase	USD	4,500	4,500	5,600	5,600
European Propane CIF ARA (Argus) vs. Naphtha CIF NEW (Platts) Swap Futures - consecutives (EURO PPNE CIFARG VS NAPHTHA NWE FU)								
EPN	Spec		Decrease	USD	6,600	6,000	6,050	5,500
EPN	Hedge/Member		Decrease	USD	6,000	6,000	5,500	5,500
Gasoline 10 ppm (Platts) FOB MED Crack Spread Swap Futures - All Months (GASOLINE 10 PPM PLATTS FOB CRK SPRD)								
GKS	Spec		Increase	USD	550	500	715	650
GKS	Hedge/Member		Increase	USD	500	500	650	650
GROUP THREE ULSD (PLATTS) VS. HEATING OIL SPREAD S - 1vs 2-5 (GRP3 ULSD VS NY HRBR ULSD FUT)								
A6	Spec		Decrease	USD	660	600	495	450
A6	Hedge/Member		Decrease	USD	600	600	450	450

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
GROUP THREE ULSD (PLATTS) VS. HEATING OIL SPREAD S - 1vs 6+ (GRP3 ULSD VS NY HRBR ULSD FUT)								
A6	Spec		New	USD			495	450
A6	Hedge/Member		New	USD			450	450
GROUP THREE ULSD (PLATTS) VS. HEATING OIL SPREAD S - 2-5 vs 2-5 (GRP3 ULSD VS NY HRBR ULSD FUT)								
A6	Spec		New	USD			660	600
A6	Hedge/Member		New	USD			600	600
GROUP THREE ULSD (PLATTS) VS. HEATING OIL SPREAD S - 2-5 vs 6+ (GRP3 ULSD VS NY HRBR ULSD FUT)								
A6	Spec		New	USD			715	650
A6	Hedge/Member		New	USD			650	650
GROUP THREE ULSD (PLATTS) VS. HEATING OIL SPREAD S - 6+ vs 6+ (GRP3 ULSD VS NY HRBR ULSD FUT)								
A6	Spec		New	USD			495	450
A6	Hedge/Member		New	USD			450	450
GROUP THREE UNLEADED GASOLINE (PLATTS) VS. RBOB Spread Swap - All Months (GRP THREE SUB-OCT GS (PLT) VS RBOB)								
A8	Spec		Decrease	USD	1,925	1,750	1,540	1,400
A8	Hedge/Member		Decrease	USD	1,750	1,750	1,400	1,400
GROUP THREE UNLEADED GASOLINE (PLATTS) VS. RBOB Spread Swap - Consecutive months 2+ (GRP THREE SUB-OCT GS (PLT) VS RBOB)								
A8	Spec		New	USD			1,045	950
A8	Hedge/Member		New	USD			950	950
Gulf Coast CBOB Gasoline A2 (Platts) Crack Spread Swap Futures - All Months (GULF CST CBOB GAS A2 PLTTS CRK FUT)								
GCG	Spec		Increase	USD	1,100	1,000	1,430	1,300
GCG	Hedge/Member		Increase	USD	1,000	1,000	1,300	1,300
Gulf Coast CBOB Gasoline A2 (Platts) vs. RBOB Spread Swap Futures - Tier 1 vs. 2 (GULF COAST CBOB GAS A2 VS RBOB SRRD)								
CRB	Spec		Decrease	USD	1,265	1,150	990	900
CRB	Hedge/Member		Decrease	USD	1,150	1,150	900	900
GULF COAST HEATING OIL (ARGUS) VS. HEATING OIL SPREAD SWAP FUTURES - All Months (GLFCST ARGUS VS. NY HRBR ULSD FUT)								
7U	Spec		Increase	USD	138	125	176	160
7U	Hedge/Member		Increase	USD	125	125	160	160
Gulf Coast ULSD Crack Swap (ARGUS) Swap - All Months (GC ULSD CRK SPD (ARGUS))								
CF	Spec		Decrease	USD	1,100	1,000	880	800
CF	Hedge/Member		Decrease	USD	1,000	1,000	800	800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
High-Low Sulfur Fuel Oil Spread Swap - All Months (FUELOIL FUT:CARGOES VS.BARGES)								
FS	Spec		Decrease	USD	2,530	2,300	2,420	2,200
FS	Hedge/Member		Decrease	USD	2,300	2,300	2,200	2,200
High-Low Sulfur Fuel Oil Spread Swap - Consecutive (FUELOIL FUT:CARGOES VS.BARGES)								
FS	Spec		Decrease	USD	1,760	1,600	1,650	1,500
FS	Hedge/Member		Decrease	USD	1,600	1,600	1,500	1,500
Japan C&F Naphtha Crack Spread (Platts) - 1 vs 2-8 (JAPAN C&F NAPHTHA CRACK SPREAD)								
JB	Spec		Decrease	USD	1,210	1,100	935	850
JB	Hedge/Member		Decrease	USD	1,100	1,100	850	850
Japan C&F Naphtha Crack Spread (Platts) - 1 vs 9+ (JAPAN C&F NAPHTHA CRACK SPREAD)								
JB	Spec		New	USD			1,540	1,400
JB	Hedge/Member		New	USD			1,400	1,400
Japan C&F Naphtha Crack Spread (Platts) - 2-8 vs 2-8 (JAPAN C&F NAPHTHA CRACK SPREAD)								
JB	Spec		New	USD			935	850
JB	Hedge/Member		New	USD			850	850
Japan C&F Naphtha Crack Spread (Platts) - 2-8 vs 9+ (JAPAN C&F NAPHTHA CRACK SPREAD)								
JB	Spec		New	USD			1,540	1,400
JB	Hedge/Member		New	USD			1,400	1,400
Japan C&F Naphtha Crack Spread (Platts) - 9+ vs 9+ (JAPAN C&F NAPHTHA CRACK SPREAD)								
JB	Spec		New	USD			1,540	1,400
JB	Hedge/Member		New	USD			1,400	1,400
Jet Fuel Barges FOB Rdam Vs. ICE Gasoil Balmo Swap - All Months (JET FUEL BRG FOB RDM V ICE BLM)								
9Q	Spec		Increase	USD	1,100	1,000	1,430	1,300
9Q	Hedge/Member		Increase	USD	1,000	1,000	1,300	1,300
JET FUEL UP-DOWN BALMO CALENDAR SWAP - All Months (GLFCST JET PLATTS BALMO FUT)								
1M	Spec		Increase	USD	264	240	330	300
1M	Hedge/Member		Increase	USD	240	240	300	300
New York 0.3% Fuel Oil HiPr vs. New York Fuel Oil 1.0% (Platts) Swap Futures - All Months (NEW YORK .3% FUEL OIL HIPR V. NY 1%)								
NYH	Spec		Increase	USD	330	300	440	400
NYH	Hedge/Member		Increase	USD	300	300	400	400
New York 1% Fuel Oil v. Gulf Coast 3% Fuel Oil Swap - Consecutive months 2+ (NY1%FO V. GULF COAST HSFO FUT)								
VR	Spec		New	USD			165	150
VR	Hedge/Member		New	USD			150	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
New York 1% Fuel Oil v. Gulf Coast 3% Fuel Oil Swap - Months 1+2 vs 3+ (NY1%FO V. GULF COAST HSFO FUT)								
VR	Spec		New	USD			330	300
VR	Hedge/Member		New	USD			300	300
New York 1% Fuel Oil v. Gulf Coast 3% Fuel Oil Swap - Months 3+ vs 3+ (NY1%FO V. GULF COAST HSFO FUT)								
VR	Spec		New	USD			297	270
VR	Hedge/Member		New	USD			270	270
New York Jet Fuel (Argus) vs. Heating Oil Spread Swap Futures - (5U) - All Months (NY ULSD VS. NY HRBR ULSD FUT)								
7Y	Spec		Decrease	USD	1,100	1,000	715	650
7Y	Hedge/Member		Decrease	USD	1,000	1,000	650	650
NO.2 UP-DOWN SPREAD CALENDARSW (UT) - All Months (GLFCST NO.2 PLATTS FIN UP/DN FUT)								
UT	Spec		Decrease	USD	2,750	2,500	1,100	1,000
UT	Hedge/Member		Decrease	USD	2,500	2,500	1,000	1,000
Northwest Europe Fuel Oil High-Low Sulfur Spread (Platts) BALMO Swap Futures - All Months (1%FUELOIL FOBNWE VS 3.5%BARG FOB BA)								
88	Spec		Increase	USD	880	800	1,155	1,050
88	Hedge/Member		Increase	USD	800	800	1,050	1,050
NY 3.0% Fuel Oil vs. Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Swap Futures - All Months (NY 3% FUEL OIL V GULF COAST NO6 3%)								
FOC	Spec		Increase	USD	440	400	550	500
FOC	Hedge/Member		Increase	USD	400	400	500	500
Singapore 180cst Fuel Oil (Platts) Mini Weekly Spread Futures - All Weeks (SPORE 180 FUEL OIL MINI WK FUT)								
SDM	Spec		Decrease	USD	825	750	550	500
SDM	Hedge/Member		Decrease	USD	750	750	500	500
Singapore 380cst Fuel Oil (Platts) Mini Weekly Spread Futures - All Weeks (SPORE 380 FUEL OIL MINI WK SPRD FUT)								
SMW	Spec		Decrease	USD	825	750	550	500
SMW	Hedge/Member		Decrease	USD	750	750	500	500
Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai Crack Spread Swap Futures - All Months (SPORE FUEL OIL 180CST 6.35 DUBAI CK)								
STS	Spec		Decrease	USD	2,640	2,400	1,100	1,000
STS	Hedge/Member		Decrease	USD	2,400	2,400	1,000	1,000
Singapore Fuel Oil Spread Swap - Consecutives 2/3+ (SINGAPORE FUEL OIL SPREAD FUT)								
SD	Spec		New	USD			528	480
SD	Hedge/Member		New	USD			480	480

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 1v2 (SINGAPORE GASOIL VS ICE)								
GA	Spec		Increase	USD	495	450	605	550
GA	Hedge/Member		Increase	USD	450	450	550	550
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 1v3 (SINGAPORE GASOIL VS ICE)								
GA	Spec		Increase	USD	990	900	1,210	1,100
GA	Hedge/Member		Increase	USD	900	900	1,100	1,100
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 2v3 (SINGAPORE GASOIL VS ICE)								
GA	Spec		Increase	USD	825	750	1,045	950
GA	Hedge/Member		Increase	USD	750	750	950	950
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 3v3 (SINGAPORE GASOIL VS ICE)								
GA	Spec		Increase	USD	440	400	550	500
GA	Hedge/Member		Increase	USD	400	400	500	500
SINGAPORE JET KERO GASOIL SWAP - Consecutives (SINGAPORE JET KERO GASOIL FUT)								
RK	Spec		New	USD			495	450
RK	Hedge/Member		New	USD			450	450
Singapore Jet Kero vs. Gasoil Spread BALMO Swap - All Months (SING JET KERO VS GASOIL SPR B)								
Z0	Spec		Increase	USD	440	400	550	500
Z0	Hedge/Member		Increase	USD	400	400	500	500
Singapore Jet Regrade: Jet Kero vs Gasoil Swap - All Months (SINGAPORE JET KERO GASOIL FUT)								
RK	Spec		Increase	USD	550	500	688	625
RK	Hedge/Member		Increase	USD	500	500	625	625
Singapore Mogas 95 Unleaded vs. Singapore Mogas 92 Unleaded Spread (Platts) - All Months (SPORE MOGS95 UNLDED VS SPORE 92 UNL)								
SMU	Spec		Decrease	USD	2,200	2,000	1,540	1,400
SMU	Hedge/Member		Decrease	USD	2,000	2,000	1,400	1,400
ULSD 10ppm CIF MED Vs. ICE Gasoil Balmo Swap - All Months (ULSD 10PPM CIF V. ICE GAS BLMO)								
7V	Spec		Increase	USD	1,100	1,000	1,430	1,300
7V	Hedge/Member		Increase	USD	1,000	1,000	1,300	1,300

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								
1% FUEL OIL (PLATTS) CARGO CIF MED - 1 vs 2+ (1% FUEL OIL (PLT) CARG CIF MED)								
1W	Spec		Increase	USD	4,400	4,000	5,500	5,000
1W	Hedge/Member		Increase	USD	4,000	4,000	5,000	5,000
1% FUEL OIL (PLATTS) CARGO CIF MED - 2+ vs 2+ (1% FUEL OIL (PLT) CARG CIF MED)								
1W	Spec		New	USD			2,860	2,600
1W	Hedge/Member		New	USD			2,600	2,600
1% FUEL OIL (PLATTS) CARGO CIF NWE - All Months (1% FUEL OIL (PLT) CARG CIF NWE)								
1X	Spec		Increase	USD	5,500	5,000	6,875	6,250
1X	Hedge/Member		Increase	USD	5,000	5,000	6,250	6,250
1% FUEL OIL (PLATTS) CARGO CIF NWE - All Months (MIN 1% FUEL OIL CIF CARGOES FUTURES)								
MFP	Spec		Increase	USD	550	500	688	625
MFP	Hedge/Member		Increase	USD	500	500	625	625
Daily European 1% Fuel Oil (Platts) Cargoes FOB NWE Swap Futures - All Months (DALY EURO 1% FOIL CGOES FOB NWE FUT)								
FCN	Spec		Decrease	USD	5,500	5,000	2,200	2,000
FCN	Hedge/Member		Decrease	USD	5,000	5,000	2,000	2,000
Diesel 10ppm Barges FOB Rdam BALMO Swap - All Months (DIESEL 10PPM BARGES FOB BALMO)								
U7	Spec		Increase	USD	4,400	4,000	5,500	5,000
U7	Hedge/Member		Increase	USD	4,000	4,000	5,000	5,000
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP- 1 vs 2+ (EIA FLAT TAX ONHWAY DIESEL FUT)								
A5	Spec		New	USD			3,025	2,750
A5	Hedge/Member		New	USD			2,750	2,750
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP- 2+ vs 2+ (EIA FLAT TAX ONHWAY DIESEL FUT)								
A5	Spec		New	USD			1,540	1,400
A5	Hedge/Member		New	USD			1,400	1,400
EIA FLAT TAX U.S. RETAIL GASOLINE SWAP FUTURES - All Months (EIA FLAT TAX US RETAIL GASOLINE FUT)								
JE	Spec		Increase	USD	3,850	3,500	4,400	4,000
JE	Hedge/Member		Increase	USD	3,500	3,500	4,000	4,000
EuroBob Gasoline 10ppm (Platts) Rdam FOB Barges BALMO Swap - All Months (EUROBOB GAS10PPM BALMO)								
7S	Spec		Increase	USD	2,200	2,000	3,300	3,000
7S	Hedge/Member		Increase	USD	2,000	2,000	3,000	3,000
EuroBob Gasoline 10ppm (Platts) Rdam FOB Barges Swap - All Months (EUROBOB GAS10PPM (PLTS) RD FOB)								
7P	Spec		Increase	USD	3,300	3,000	4,290	3,900
7P	Hedge/Member		Increase	USD	3,000	3,000	3,900	3,900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European 1% Fuel Oil BALMO Swap (Northwest Europe) - All Months (EURO 1% FUEL OIL NEW BALMO)								
KX	Spec		Increase	USD	2,640	2,400	3,410	3,100
KX	Hedge/Member		Increase	USD	2,400	2,400	3,100	3,100
European 1% Fuel Oil BALMO Swap (Northwest Europe) - All Months (MINEUR1%FUEL OIL CRGO FOB NWE BALM0)								
OC	Spec		Increase	USD	264	240	341	310
OC	Hedge/Member		Increase	USD	240	240	310	310
European 1% Fuel Oil Calendar Swap (Northwest Europe) - All Months (EUROPE 1% FUEL OIL NWE CALFUT)								
UF	Spec		Increase	USD	6,050	5,500	7,700	7,000
UF	Hedge/Member		Increase	USD	5,500	5,500	7,000	7,000
European 1% Fuel Oil Calendar Swap (Northwest Europe) - All Months (MIN EUR 1% FUEL OIL CRGO FOBNWE FUT)								
OB	Spec		Increase	USD	605	550	770	700
OB	Hedge/Member		Increase	USD	550	550	700	700
European 1% Fuel Oil Cargoes FOB MED (Platts) Swap Futures - All Months (EUR 1%FUEL OIL CARG FOB MED(PLATTS))								
EFM	Spec		Increase	USD	4,950	4,500	6,160	5,600
EFM	Hedge/Member		Increase	USD	4,500	4,500	5,600	5,600
European 1% Fuel Oil Cargoes FOB MED (Platts) Swap Futures - All Months (MINI 1% FUEL OIL CAR MED FUT)								
MFD	Spec		Increase	USD	495	450	616	560
MFD	Hedge/Member		Increase	USD	450	450	560	560
European 1% Fuel Oil Rotterdam Calendar Swap - 1 vs 2+ (EUROPE 1% FUEL OIL RDAM CALFUT)								
UH	Spec		Decrease	USD	7,700	7,000	6,050	5,500
UH	Hedge/Member		Decrease	USD	7,000	7,000	5,500	5,500
European 1% Fuel Oil Rotterdam Calendar Swap - 1 vs 2+ (MINI EURO 1% FUEL OIL FOBRDM FUT)								
T0	Spec		Decrease	USD	770	700	605	550
T0	Hedge/Member		Decrease	USD	700	700	550	550
European 1% Fuel Oil Rotterdam Calendar Swap - 2+ vs 2+ (EUROPE 1% FUEL OIL RDAM CALFUT)								
UH	Spec		New	USD			5,500	5,000
UH	Hedge/Member		New	USD			5,000	5,000
European 1% Fuel Oil Rotterdam Calendar Swap - 2+ vs 2+ (MINI EURO 1% FUEL OIL FOBRDM FUT)								
T0	Spec		New	USD			550	500
T0	Hedge/Member		New	USD			500	500
European 3.5% Fuel Oil (Platts) Cargoes FOB MED BALMO Swap Futures - All Months (EUR3.5%FUEL OIL CARG FOB MED BALMO)								
EFF	Spec		Increase	USD	5,500	5,000	7,150	6,500
EFF	Hedge/Member		Increase	USD	5,000	5,000	6,500	6,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Month 1 vs Months 2+ (EUROPE 3.5% FUEL OIL MED CALFUT)								
UI	Spec		Decrease	USD	4,950	4,500	4,565	4,150
UI	Hedge/Member		Decrease	USD	4,500	4,500	4,150	4,150
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Month 1 vs Months 2+ (MINI 3.5% FUEL OIL CAR MED FUT)								
MMF	Spec		Decrease	USD	495	450	457	415
MMF	Hedge/Member		Decrease	USD	450	450	415	415
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 14+ (EUROPE 3.5% FUEL OIL RDM CALFUT)								
UV	Spec		New	USD			4,400	4,000
UV	Hedge/Member		New	USD			4,000	4,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 14+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		New	USD			440	400
OD	Hedge/Member		New	USD			400	400
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2-6 (EUROPE 3.5% FUEL OIL RDM CALFUT)								
UV	Spec		Decrease	USD	6,050	5,500	4,400	4,000
UV	Hedge/Member		Decrease	USD	5,500	5,500	4,000	4,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2-6 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		Decrease	USD	605	550	440	400
OD	Hedge/Member		Decrease	USD	550	550	400	400
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 7-13 (EUROPE 3.5% FUEL OIL RDM CALFUT)								
UV	Spec		New	USD			4,400	4,000
UV	Hedge/Member		New	USD			4,000	4,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 7-13 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		New	USD			440	400
OD	Hedge/Member		New	USD			400	400
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 14+ vs 14+ (EUROPE 3.5% FUEL OIL RDM CALFUT)								
UV	Spec		New	USD			2,750	2,500
UV	Hedge/Member		New	USD			2,500	2,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 14+ vs 14+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		New	USD			275	250
OD	Hedge/Member		New	USD			250	250
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 14+ (EUROPE 3.5% FUEL OIL RDM CALFUT)								
UV	Spec		New	USD			3,520	3,200
UV	Hedge/Member		New	USD			3,200	3,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 14+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Spec		New	USD			352	320
0D	Hedge/Member		New	USD			320	320
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 2-6 (EUROPE 3.5% FUEL OIL RDM CALFUT)								
UV	Spec		Decrease	USD	2,750	2,500	2,090	1,900
UV	Hedge/Member		Decrease	USD	2,500	2,500	1,900	1,900
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 2-6 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Spec		Decrease	USD	275	250	209	190
0D	Hedge/Member		Decrease	USD	250	250	190	190
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-13 (EUROPE 3.5% FUEL OIL RDM CALFUT)								
UV	Spec		New	USD			2,310	2,100
UV	Hedge/Member		New	USD			2,100	2,100
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-13 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Spec		New	USD			231	210
0D	Hedge/Member		New	USD			210	210
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-13 vs 14+ (EUROPE 3.5% FUEL OIL RDM CALFUT)								
UV	Spec		New	USD			3,520	3,200
UV	Hedge/Member		New	USD			3,200	3,200
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-13 vs 14+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Spec		New	USD			352	320
0D	Hedge/Member		New	USD			320	320
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-13 vs 7-13 (EUROPE 3.5% FUEL OIL RDM CALFUT)								
UV	Spec		New	USD			1,430	1,300
UV	Hedge/Member		New	USD			1,300	1,300
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-13 vs 7-13 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Spec		New	USD			143	130
0D	Hedge/Member		New	USD			130	130
European Gasoil Bullet Swap - Tier 1 vs Tier 2 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Decrease	USD	440	400	220	200
7F	Hedge/Member		Decrease	USD	400	400	200	200
European Gasoil Bullet Swap - Tier 1 vs Tier 2 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Decrease	USD	440	400	220	200
7FT	Hedge/Member		Decrease	USD	400	400	200	200

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 2 (GASOIL BULLET FUT)								
BG	Spec		Decrease	USD	4,400	4,000	2,200	2,000
BG	Hedge/Member		Decrease	USD	4,000	4,000	2,000	2,000
European Gasoil Bullet Swap - Tier 1 vs Tier 2 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Decrease	USD	4,400	4,000	2,200	2,000
SBG	Hedge/Member		Decrease	USD	4,000	4,000	2,000	2,000
European Gasoil Bullet Swap - Tier 1 vs Tier 3 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Decrease	USD	495	450	275	250
7F	Hedge/Member		Decrease	USD	450	450	250	250
European Gasoil Bullet Swap - Tier 1 vs Tier 3 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Decrease	USD	495	450	275	250
7FT	Hedge/Member		Decrease	USD	450	450	250	250
European Gasoil Bullet Swap - Tier 1 vs Tier 3 (GASOIL BULLET FUT)								
BG	Spec		Decrease	USD	4,950	4,500	2,750	2,500
BG	Hedge/Member		Decrease	USD	4,500	4,500	2,500	2,500
European Gasoil Bullet Swap - Tier 1 vs Tier 3 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Decrease	USD	4,950	4,500	2,750	2,500
SBG	Hedge/Member		Decrease	USD	4,500	4,500	2,500	2,500
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Decrease	USD	660	600	275	250
7F	Hedge/Member		Decrease	USD	600	600	250	250
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Decrease	USD	660	600	275	250
7FT	Hedge/Member		Decrease	USD	600	600	250	250
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (GASOIL BULLET FUT)								
BG	Spec		Decrease	USD	6,600	6,000	2,750	2,500
BG	Hedge/Member		Decrease	USD	6,000	6,000	2,500	2,500
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Decrease	USD	6,600	6,000	2,750	2,500
SBG	Hedge/Member		Decrease	USD	6,000	6,000	2,500	2,500
European Gasoil Bullet Swap - Tier 2 vs Tier 2 (EUROPEAN GASOIL ICE FUTURE)								
7F	Spec		Increase	USD	330	300	363	330
7F	Hedge/Member		Increase	USD	300	300	330	330

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 2 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Spec		Increase	USD	330	300	363	330
7FT	Hedge/Member		Increase	USD	300	300	330	330
European Gasoil Bullet Swap - Tier 2 vs Tier 2 (GASOIL BULLET FUT)								
BG	Spec		Increase	USD	3,300	3,000	3,630	3,300
BG	Hedge/Member		Increase	USD	3,000	3,000	3,300	3,300
European Gasoil Bullet Swap - Tier 2 vs Tier 2 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Spec		Increase	USD	3,300	3,000	3,630	3,300
SBG	Hedge/Member		Increase	USD	3,000	3,000	3,300	3,300
European Naphtha Calendar Swap - consecutives (EUROPE NAPHTHA CALFUT)								
UN	Spec		Decrease	USD	1,980	1,800	1,870	1,700
UN	Hedge/Member		Decrease	USD	1,800	1,800	1,700	1,700
European Naphtha Calendar Swap - consecutives (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		Decrease	USD	198	180	187	170
MNC	Hedge/Member		Decrease	USD	180	180	170	170
European Naphtha Calendar Swap - Mnth 1 vs Mnths 2+ (EUROPE NAPHTHA CALFUT)								
UN	Spec		Decrease	USD	14,850	13,500	10,450	9,500
UN	Hedge/Member		Decrease	USD	13,500	13,500	9,500	9,500
European Naphtha Calendar Swap - Mnth 1 vs Mnths 2+ (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		Decrease	USD	1,485	1,350	1,045	950
MNC	Hedge/Member		Decrease	USD	1,350	1,350	950	950
European Naphtha Calendar Swap - Mnths 2+ (EUROPE NAPHTHA CALFUT)								
UN	Spec		Increase	USD	4,730	4,300	5,060	4,600
UN	Hedge/Member		Increase	USD	4,300	4,300	4,600	4,600
European Naphtha Calendar Swap - Mnths 2+ (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		Increase	USD	473	430	506	460
MNC	Hedge/Member		Increase	USD	430	430	460	460
European Singapore Fuel Oil 180cst Calendar Swap - consecutives (MINI SINGP FUEL OIL 180CST FUTURES)								
0F	Spec		Decrease	USD	165	150	149	135
0F	Hedge/Member		Decrease	USD	150	150	135	135
European Singapore Fuel Oil 180cst Calendar Swap - consecutives (SINGAPORE FUEL 180CST CALFUT)								
UA	Spec		Decrease	USD	1,650	1,500	1,485	1,350
UA	Hedge/Member		Decrease	USD	1,500	1,500	1,350	1,350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Fuel Oil 3.5% CIF MED Swap - 1 vs 2+ (3.5% FUEL OIL CID MED FUT)								
7D	Spec		Increase	USD	4,400	4,000	5,720	5,200
7D	Hedge/Member		Increase	USD	4,000	4,000	5,200	5,200
Fuel Oil 3.5% CIF MED Swap - 2+ vs 2+ (3.5% FUEL OIL CID MED FUT)								
7D	Spec		New	USD			2,750	2,500
7D	Hedge/Member		New	USD			2,500	2,500
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 1 vs Mnth 2 (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	14,300	13,000	9,900	9,000
7H	Hedge/Member		Decrease	USD	13,000	13,000	9,000	9,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 1 vs Mnth 2 (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	14,300	13,000	9,900	9,000
MEO	Hedge/Member		Decrease	USD	13,000	13,000	9,000	9,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 2 vs 3 (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	9,900	9,000	6,050	5,500
7H	Hedge/Member		Decrease	USD	9,000	9,000	5,500	5,500
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 2 vs 3 (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	9,900	9,000	6,050	5,500
MEO	Hedge/Member		Decrease	USD	9,000	9,000	5,500	5,500
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 1 vs Months 3+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	14,300	13,000	9,900	9,000
7H	Hedge/Member		Decrease	USD	13,000	13,000	9,000	9,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 1 vs Months 3+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	14,300	13,000	9,900	9,000
MEO	Hedge/Member		Decrease	USD	13,000	13,000	9,000	9,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Months 3+ vs Months 3+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	6,600	6,000	4,400	4,000
7H	Hedge/Member		Decrease	USD	6,000	6,000	4,000	4,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Months 3+ vs Months 3+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	6,600	6,000	4,400	4,000
MEO	Hedge/Member		Decrease	USD	6,000	6,000	4,000	4,000
GROUP THREE ULSD (PLATTS) SWAP - All Months (GROUP THREE ULSD (PLATTS) FUT)								
A7	Spec		Decrease	USD	1,980	1,800	1,650	1,500
A7	Hedge/Member		Decrease	USD	1,800	1,800	1,500	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Gulf Coast #6 Fuel 3.0% Swap - Months 2+ (GULF COAST HSFO (PLATTS) FUTURES)								
MF	Spec		Decrease	USD	440	400	385	350
MF	Hedge/Member		Decrease	USD	400	400	350	350
Gulf Coast Ultra Low Sulfur Diesel (ULSD) Swap - Mth 1 vs Mth 2+ (GULF COAST ULSD CALENDAR FUT)								
LY	Spec		Decrease	USD	2,640	2,400	2,310	2,100
LY	Hedge/Member		Decrease	USD	2,400	2,400	2,100	2,100
Gulf Coast Ultra Low Sulfur Diesel (ULSD) Swap - Mth 2 vs Mth 2+ (GULF COAST ULSD CALENDAR FUT)								
LY	Spec		Decrease	USD	1,100	1,000	990	900
LY	Hedge/Member		Decrease	USD	1,000	1,000	900	900
Japan C&F Naphtha (Platts) Swap - All Months (JAPAN NAPHTHA BALMO FUT)								
E6	Spec		Increase	USD	4,180	3,800	5,225	4,750
E6	Hedge/Member		Increase	USD	3,800	3,800	4,750	4,750
Japan C&F Naphtha (Platts) Swap - All Months (MINI JAPAN NAPHTHA BALMO FUT)								
E6M	Spec		Increase	USD	418	380	523	475
E6M	Hedge/Member		Increase	USD	380	380	475	475
Japan C&F Naphtha (Platts) Swap - Consecutive (JAPAN C&F NAPHTHA FUT)								
JA	Spec		Decrease	USD	2,750	2,500	2,420	2,200
JA	Hedge/Member		Decrease	USD	2,500	2,500	2,200	2,200
Japan C&F Naphtha (Platts) Swap - Consecutive (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Spec		Decrease	USD	275	250	242	220
MJN	Hedge/Member		Decrease	USD	250	250	220	220
Japan C&F Naphtha (PLATTS) Swap - 2+ vs 2+ (JAPAN C&F NAPHTHA FUT)								
JA	Spec		Decrease	USD	5,500	5,000	4,950	4,500
JA	Hedge/Member		Decrease	USD	5,000	5,000	4,500	4,500
Japan C&F Naphtha (PLATTS) Swap - 2+ vs 2+ (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Spec		Decrease	USD	550	500	495	450
MJN	Hedge/Member		Decrease	USD	500	500	450	450
Los Angeles CARB Gasoline Swap - All Months (LOS ANGELES CARB GASOLINE FUT)								
MH	Spec		Increase	USD	528	480	682	620
MH	Hedge/Member		Increase	USD	480	480	620	620
Premium UNL Gasoline 10ppm (Platts) Cargoes CIF NW - All Months (PREMIUM UNLD 10PPM CARGOES CIF)								
4G	Spec		Increase	USD	4,950	4,500	6,380	5,800
4G	Hedge/Member		Increase	USD	4,500	4,500	5,800	5,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Premium UNL Gasoline 10ppm (Platts) FOB Med Balmo - All Months (PREMIUM UNLEAD 10PPM FOB BLMO)								
8G	Spec		Increase	USD	3,740	3,400	4,840	4,400
8G	Hedge/Member		Increase	USD	3,400	3,400	4,400	4,400
Premium Unleaded Gasoline 10 ppm (Platts) Rdam FOB Barges Swap - All Months (PREM UNL GAS 10 PPM (PLTS) RDM)								
7L	Spec		Increase	USD	11,000	10,000	13,200	12,000
7L	Hedge/Member		Increase	USD	10,000	10,000	12,000	12,000
Singapore 380CST Fuel Oil - 2+ vs 2+ (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Spec		Decrease	USD	330	300	286	260
MTS	Hedge/Member		Decrease	USD	300	300	260	260
Singapore 380CST Fuel Oil - 2+ vs 2+ (SINGAPORE 380CST FUEL OIL FUT)								
SE	Spec		Decrease	USD	3,300	3,000	2,860	2,600
SE	Hedge/Member		Decrease	USD	3,000	3,000	2,600	2,600
Singapore 380cst Fuel Oil Swap - Consecutives (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Spec		Decrease	USD	165	150	121	110
MTS	Hedge/Member		Decrease	USD	150	150	110	110
Singapore 380cst Fuel Oil Swap - Consecutives (SINGAPORE 380CST FUEL OIL FUT)								
SE	Spec		Decrease	USD	1,650	1,500	1,210	1,100
SE	Hedge/Member		Decrease	USD	1,500	1,500	1,100	1,100
Singapore Fuel Oil 180 cst vs. 380 cst Spread (Platts) BALMO Swap Futures - All Months (SG VISCOSITY SPREAD BALMO)								
MSD	Spec		Increase	USD	550	500	715	650
MSD	Hedge/Member		Increase	USD	500	500	650	650
Singapore Gasoil BALMO Swap - All Months (SINGAPORE GASOIL BALMO)								
VU	Spec		Increase	USD	2,200	2,000	2,750	2,500
VU	Hedge/Member		Increase	USD	2,000	2,000	2,500	2,500
Singapore Gasoil Swap - Months 1vs Months 2-8 (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Spec		New	USD			165	150
MSG	Hedge/Member		New	USD			150	150
Singapore Gasoil Swap - Months 1vs Months 2-8 (SINGAPORE GASOIL FUT)								
SG	Spec		New	USD			1,650	1,500
SG	Hedge/Member		New	USD			1,500	1,500
Singapore Gasoil Swap - Months 1vs Months 2-8 (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Spec		New	USD			1,650	1,500
SSG	Hedge/Member		New	USD			1,500	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore Gasoil Swap - Months 1vs Months 9+ (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Spec		New	USD			187	170
MSG	Hedge/Member		New	USD			170	170
Singapore Gasoil Swap - Months 1vs Months 9+ (SINGAPORE GASOIL FUT)								
SG	Spec		New	USD			1,870	1,700
SG	Hedge/Member		New	USD			1,700	1,700
Singapore Gasoil Swap - Months 1vs Months 9+ (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Spec		New	USD			1,870	1,700
SSG	Hedge/Member		New	USD			1,700	1,700
Singapore Gasoil Swap - Months 2-8 vs 2-8 (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Spec		Decrease	USD	110	100	77	70
MSG	Hedge/Member		Decrease	USD	100	100	70	70
Singapore Gasoil Swap - Months 2-8 vs 2-8 (SINGAPORE GASOIL FUT)								
SG	Spec		Decrease	USD	1,100	1,000	770	700
SG	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Singapore Gasoil Swap - Months 2-8 vs 2-8 (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Spec		Decrease	USD	1,100	1,000	770	700
SSG	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Singapore Gasoil Swap - Months 2-8 vs Months 9+ (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Spec		New	USD			110	100
MSG	Hedge/Member		New	USD			100	100
Singapore Gasoil Swap - Months 2-8 vs Months 9+ (SINGAPORE GASOIL FUT)								
SG	Spec		New	USD			1,100	1,000
SG	Hedge/Member		New	USD			1,000	1,000
Singapore Gasoil Swap - Months 2-8 vs Months 9+ (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Spec		New	USD			1,100	1,000
SSG	Hedge/Member		New	USD			1,000	1,000
Singapore Gasoil Swap - Months 9+ vs Months 9+ (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Spec		New	USD			110	100
MSG	Hedge/Member		New	USD			100	100
Singapore Gasoil Swap - Months 9+ vs Months 9+ (SINGAPORE GASOIL FUT)								
SG	Spec		New	USD			1,100	1,000
SG	Hedge/Member		New	USD			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								
Singapore Gasoil Swap - Months 9+ vs Months 9+ (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 1 vs Tier 2 (SINGAPORE JET KEROSENE FUT)								
KS	Spec		Increase	USD	990	900	1,238	1,125
KS	Hedge/Member		Increase	USD	900	900	1,125	1,125
Singapore Jet Kerosene Swap - Tier 1 vs Tier 2 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Spec		Increase	USD	990	900	1,238	1,125
SKS	Hedge/Member		Increase	USD	900	900	1,125	1,125
Singapore Jet Kerosene Swap - Tier 1 vs Tier 3 (SINGAPORE JET KEROSENE FUT)								
KS	Spec		Increase	USD	990	900	1,238	1,125
KS	Hedge/Member		Increase	USD	900	900	1,125	1,125
Singapore Jet Kerosene Swap - Tier 1 vs Tier 3 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Spec		Increase	USD	990	900	1,238	1,125
SKS	Hedge/Member		Increase	USD	900	900	1,125	1,125
Singapore Jet Kerosene Swap - Tier 2 vs Tier 3 (SINGAPORE JET KEROSENE FUT)								
KS	Spec		Decrease	USD	1,023	930	880	800
KS	Hedge/Member		Decrease	USD	930	930	800	800
Singapore Jet Kerosene Swap - Tier 2 vs Tier 3 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Spec		Decrease	USD	1,023	930	880	800
SKS	Hedge/Member		Decrease	USD	930	930	800	800
Singapore Jet Kerosene Swap - Tier 3 vs Tier 3 (SINGAPORE JET KEROSENE FUT)								
KS	Spec		Increase	USD	660	600	715	650
KS	Hedge/Member		Increase	USD	600	600	650	650
Singapore Jet Kerosene Swap - Tier 3 vs Tier 3 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Spec		Increase	USD	660	600	715	650
SKS	Hedge/Member		Increase	USD	600	600	650	650
Singapore Mogas 92 Unleaded (Platts) Swap - Mth 1 vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Spec		New	USD			1,980	1,800
1N	Hedge/Member		New	USD			1,800	1,800
Singapore Mogas 92 Unleaded (Platts) Swap - Mths 2 vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Spec		New	USD			1,155	1,050
1N	Hedge/Member		New	USD			1,050	1,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Singapore Mogas 92 Unleaded (Platts) Swap - Mths 3+ vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)

1N	Spec		New	USD			880	800
1N	Hedge/Member		New	USD			800	800

Synthetic Gulf Coast #6 Fuel Oil 3.0% Platts Swaps - Months 2+ (SYNTHET GULF COAST NO.6 FUEL OIL 3)

SMF	Spec		Decrease	USD	440	400	385	350
SMF	Hedge/Member		Decrease	USD	400	400	350	350

ULSD 10ppm Cargoes CIF MED BALMO Swap - All Months (ULSD 10PPM CIF MED BALMO FUT)

X7	Spec		Increase	USD	3,740	3,400	4,840	4,400
X7	Hedge/Member		Increase	USD	3,400	3,400	4,400	4,400

ULSD 10ppm Cargoes CIF NWE Balmo Swap - All Months (ULSD 10PPM CIF NW BALMO FUT)

B1	Spec		Increase	USD	3,740	3,400	4,840	4,400
B1	Hedge/Member		Increase	USD	3,400	3,400	4,400	4,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
CRUDE OIL - Inter-commodity Spread Rates						
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	Decrease	+3:-19	85%	85%	81%	81%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	78%	78%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME)						
Spread Credit Rate	Decrease	+33:-5	80%	80%	75%	75%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	Decrease	+19:-3	80%	80%	75%	75%
EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Decrease	+3:-19	80%	80%	78%	78%
EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	Decrease	+3:-19	80%	80%	78%	78%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	Decrease	+19:-3	78%	78%	76%	76%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL, CS, WS) vs GULF COAST #6 FUEL 3.0% SWAP (NYM-MF - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	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	Decrease	+1:-1	82%	82%	78%	78%
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	Decrease	+1:-1	80%	80%	75%	75%
WTI MIDLAND (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WTT - CME) vs LLS (ARGUS) CALENDAR SWAP FUTURES (NY-XA - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Decrease	+1:-1:+1	50%	50%	0%	0%
WTS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-FH - CME) vs LLS (ARGUS) CALENDAR SWAP FUTURES (NY-XA - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Decrease	+1:-1:+1	40%	40%	0%	0%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
CRUDE OIL SPREADS - Inter-commodity Spread Rates						
ARGUS LLS VS. WTI (ARGUS) TRADE MONTH SWAP FUTURES (NY-E5 - CME) vs WTS (ARGUS) VS. WTI SPREAD CALENDAR SWAP FUTURES (NY-FF - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	0%	0%
WCS CUSHING (ARGUS) VS. WTI CALENDAR MONTH FUTURES (NY-WNC - CME) vs WTI MIDLAND (ARGUS) VS. WTI FINANCIAL FUTURES (NY-FF - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
WCS CUSHING (ARGUS) VS. WTI CALENDAR MONTH FUTURES (NY-WNC - CME) vs WTI MIDLAND (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WTT - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
WCS CUSHING (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WNT - CME) vs WTI MIDLAND (ARGUS) VS. WTI FINANCIAL FUTURES (NY-FF - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
WTI HOUSTON (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-HTT - CME) vs WTI MIDLAND (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WTT - CME)						
Spread Credit Rate	Decrease	+1:-1	20%	20%	0%	0%
WTI HOUSTON (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-HTT - CME) vs WTS (ARGUS) VS. WTI SPREAD CALENDAR SWAP FUTURES (NY-FF - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%
WTI MIDLAND (ARGUS) VS. WTI FINANCIAL FUTURES (NY-FF - CME) vs DATED TO FRONTLINE BRENT SWAP FUTURES (NY-FY - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
WTI MIDLAND (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WTT - CME) vs ARGUS LLS VS. WTI (ARGUS) TRADE MONTH SWAP FUTURES (NY-E5 - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%
WTI MIDLAND (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WTT - CME) vs LLS (ARGUS) CALENDAR SWAP FUTURES (NY-XA - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Decrease	+1:-1:+1	50%	50%	0%	0%
WTI MIDLAND (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WTT - CME) vs WCS CUSHING (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WNT - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
WTS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-FH - CME) vs LLS (ARGUS) CALENDAR SWAP FUTURES (NY-XA - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Decrease	+1:-1:+1	40%	40%	0%	0%
WTS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-FH - CME) vs WTI MIDLAND (ARGUS) VS. WTI FINANCIAL FUTURES (NY-FF - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%
WTS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-FH - CME) vs WTI MIDLAND (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WTT - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%

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

DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs 1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME)

Spread Credit Rate	Decrease	+19:-3	85%	85%	81%	81%
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DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)

Spread Credit Rate	Decrease	+19:-3	80%	80%	78%	78%
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DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)

Spread Credit Rate	Decrease	+1:-1	80%	80%	78%	78%
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DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME)

Spread Credit Rate	Decrease	+19:-3	80%	80%	75%	75%
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DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)

Spread Credit Rate	Decrease	+19:-3	80%	80%	75%	75%
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OMAN CRUDE OIL (NY-OQ - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) CARGOES FOB MED CALENDAR SWAP FUTURES (NY-UI - CME)

Spread Credit Rate	Decrease	+19:-3	85%	85%	81%	81%
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ETHANOL - Inter-commodity Spread Rates

GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)

Spread Credit Rate	Decrease	+1:-1	50%	50%	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						

NATURAL GAS - Inter-commodity Spread Rates

DUTCH TTF NATURAL GAS (USD/MMBTU) (ICIS HEREN) FRONT MONTH FUTURES (NY-TTE - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)

Spread Credit Rate	Decrease	+1:-1	30%	30%	20%	20%
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UK NBP NATURAL GAS (USD/MMBTU) (ICIS HEREN) FRONT MONTH FUTURES (NY-NBP - CME) vs LNG JAPAN/KOREA MARKER (PLATTS) SWAP FUTURES (NY-JKM - CME)

Spread Credit Rate	Decrease	+1:-1	38%	38%	30%	30%
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NGL/PETROCHEMICALS - Inter-commodity Spread Rates

ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME)

Spread Credit Rate	Decrease	+1:-12	44%	44%	41%	41%
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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						
REFINED PRODUCTS - Inter-commodity Spread Rates						
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	Decrease	+3:-19	85%	85%	81%	81%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME)						
Spread Credit Rate	Decrease	+1:-12	44%	44%	41%	41%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	78%	78%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME)						
Spread Credit Rate	Decrease	+33:-5	80%	80%	75%	75%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	Decrease	+19:-3	80%	80%	75%	75%
DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs 1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME)						
Spread Credit Rate	Decrease	+19:-3	85%	85%	81%	81%
DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Decrease	+19:-3	80%	80%	78%	78%
DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	78%	78%
DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME)						
Spread Credit Rate	Decrease	+19:-3	80%	80%	75%	75%
DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	Decrease	+19:-3	80%	80%	75%	75%
EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Decrease	+3:-19	80%	80%	78%	78%
EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	Decrease	+3:-19	80%	80%	78%	78%
GASOIL 10PPM (PLATTS) CARGOES CIF NWE SWAP FUTURES (NY-TY - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME)						
Spread Credit Rate	Decrease	+1:-1	75%	75%	68%	68%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
GROUP THREE ULSD (PLATTS) SWAP FUTURES (NY-A7 - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	58%	58%
GROUP THREE ULSD (PLATTS) SWAP FUTURES (NY-A7 - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	65%	65%
GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	66%	66%
GULF COAST NO. 6 FUEL OIL 3.0% SULFUR (PLATTS) SWAP (NYM-MF - CME) vs HEATING OIL (NYM-HO, MP, BH)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	66%	66%
GULF COAST NO. 6 FUEL OIL 3.0% SULFUR (PLATTS) SWAP (NYM-MF - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% SULFUR (PLATTS) SWAP (NYM-MM - CME)						
Spread Credit Rate	Decrease	+1:-1	95%	95%	94%	94%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	40%	40%
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	Decrease	+1:-1	70%	70%	65%	65%
GULF COAST ULSD CALENDAR SWAP (NY-LY) vs NY HARBOR RESIDUAL FUEL 1.0% S (NY-MM)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	65%	65%
GULF COAST ULSD CALENDAR SWAP (NY-LY) vs SINGAPORE 380CST FUEL OIL SWAP (NY-SE)						
Spread Credit Rate	Decrease	+19:-3	60%	60%	57%	57%
GULF COAST ULSD CALENDAR SWAP (NY-LY) vs SINGAPORE FUEL 180CST CALSWAP (NY-UA)						
Spread Credit Rate	Decrease	+15:-2	65%	65%	60%	60%
Spread Credit Rate	Decrease	+15:-2	65%	65%	60%	60%
HEATING OIL FINANCIAL FUTURES (NYM-HO, BH, MP) vs EUROPEAN GASOIL (ICE) CALENDAR SWAP (NYM-GX - CME)						
Spread Credit Rate	Decrease	+15:-2	80%	80%	75%	75%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	Decrease	+19:-3	78%	78%	76%	76%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL, CS, WS) vs GULF COAST #6 FUEL 3.0% SWAP (NYM-MF - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	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	Decrease	+1:-1	82%	82%	78%	78%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
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	Decrease	+1:-1	80%	80%	75%	75%
OMAN CRUDE OIL (NY-OQ - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) CARGOES FOB MED CALENDAR SWAP FUTURES (NY-UI - CME)						
Spread Credit Rate	Decrease	+19:-3	85%	85%	81%	81%
SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	56%	56%
SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	60%	60%
SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	55%	55%
SINGAPORE GASOIL SWAP (NYM-SG - CME) vs SINGAPORE 380CST FUEL OIL (PLATTS) SWAP (NYM-SE - CME)						
Spread Credit Rate	Decrease	+19:-3	60%	60%	52%	52%
SINGAPORE GASOIL SWAP (NYM-SG - CME) vs SINGAPORE FUEL OIL 180CST CALENDAR SWAP (NYM-UA - CME)						
Spread Credit Rate	Decrease	+19:-3	60%	60%	55%	55%
SINGAPORE GASOIL SWAP (NY-SG) vs NY 3.0% FUEL OIL (PLATTS) SWP (NY-H1)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	58%	58%

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						
CORN (C, C, CDF, YC, ZCT) - volScan						
Clearing Member Rate	Months 2-5	Increase		0.023		0.030