



18-393

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, September 27, 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, September 28, 2018.

Current rates as of:

Thursday, September 27, 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
Outright Rates								
DME Products - Outright Rates								
DME OMAN CRUDE OIL (OQ)								
OQ	Spec	Mnth1	Increase	USD	4,840	4,400	5,280	4,800
OQ	Hedge/Member	Mnth1	Increase	USD	4,400	4,400	4,800	4,800
OQ	Spec	Mnth 2-3	Increase	USD	4,125	3,750	4,510	4,100
OQ	Hedge/Member	Mnth 2-3	Increase	USD	3,750	3,750	4,100	4,100
OQ	Spec	Mnth 4-8	Increase	USD	3,905	3,550	4,290	3,900
OQ	Hedge/Member	Mnth 4-8	Increase	USD	3,550	3,550	3,900	3,900
OQ	Spec	Mnth 9+	Increase	USD	3,520	3,200	3,850	3,500
OQ	Hedge/Member	Mnth 9+	Increase	USD	3,200	3,200	3,500	3,500
DME OMAN CRUDE VS DUBAI PLATTS FUT (DDO)								
DDO	Spec	Mnth 1	Increase	USD	2,310	2,100	2,970	2,700
DDO	Hedge/Member	Mnth 1	Increase	USD	2,100	2,100	2,700	2,700
DDO	Spec	Mnths 2+	Increase	USD	1,540	1,400	2,090	1,900
DDO	Hedge/Member	Mnths 2+	Increase	USD	1,400	1,400	1,900	1,900
OMAN CRUDE FINANCIAL (ZG)								
ZG	Spec	Mnth1	Increase	USD	4,840	4,400	5,280	4,800
ZG	Hedge/Member	Mnth1	Increase	USD	4,400	4,400	4,800	4,800
ZG	Spec	Mnth 2-3	Increase	USD	4,125	3,750	4,510	4,100
ZG	Hedge/Member	Mnth 2-3	Increase	USD	3,750	3,750	4,100	4,100
ZG	Spec	Mnth 4-8	Increase	USD	3,905	3,550	4,290	3,900
ZG	Hedge/Member	Mnth 4-8	Increase	USD	3,550	3,550	3,900	3,900
ZG	Spec	Mnth 9+	Increase	USD	3,520	3,200	3,850	3,500
ZG	Hedge/Member	Mnth 9+	Increase	USD	3,200	3,200	3,500	3,500
OMAN CRUDE OIL TAM FUT (OQB)								
OQB	Spec	Mnth1	Increase	USD	4,840	4,400	5,280	4,800
OQB	Hedge/Member	Mnth1	Increase	USD	4,400	4,400	4,800	4,800
OQB	Spec	Mnth 2-3	Increase	USD	4,125	3,750	4,510	4,100
OQB	Hedge/Member	Mnth 2-3	Increase	USD	3,750	3,750	4,100	4,100
OQB	Spec	Mnth 4-8	Increase	USD	3,905	3,550	4,290	3,900
OQB	Hedge/Member	Mnth 4-8	Increase	USD	3,550	3,550	3,900	3,900
OQB	Spec	Mnth 9+	Increase	USD	3,520	3,200	3,850	3,500
OQB	Hedge/Member	Mnth 9+	Increase	USD	3,200	3,200	3,500	3,500
OMAN CRUDE OIL TAM MARKER SYN (OQ1)								
OQ1	Spec	Mnth1	Increase	USD	4,840	4,400	5,280	4,800
OQ1	Hedge/Member	Mnth1	Increase	USD	4,400	4,400	4,800	4,800
OQ1	Spec	Mnth 2-3	Increase	USD	4,125	3,750	4,510	4,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
OQ1	Hedge/Member	Mnth 2-3	Increase	USD	3,750	3,750	4,100	4,100
OQ1	Spec	Mnth 4-8	Increase	USD	3,905	3,550	4,290	3,900
OQ1	Hedge/Member	Mnth 4-8	Increase	USD	3,550	3,550	3,900	3,900
OQ1	Spec	Mnth 9+	Increase	USD	3,520	3,200	3,850	3,500
OQ1	Hedge/Member	Mnth 9+	Increase	USD	3,200	3,200	3,500	3,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
FREIGHT - Outright Rates								
FREIGHT ROUTE TC12 (BALTIC) FUT (FRS)								
FRS	Spec		Decrease	USD	2,200	2,000	1,980	1,800
FRS	Hedge/Member		Decrease	USD	2,000	2,000	1,800	1,800
FREIGHT ROUTE TC14 (BALTIC) FUTURES (FRC)								
FRC	Spec	Mnth 1	Decrease	USD	3,300	3,000	2,970	2,700
FRC	Hedge/Member	Mnth 1	Decrease	USD	3,000	3,000	2,700	2,700
FRC	Spec	Mnths 2	Decrease	USD	3,080	2,800	2,750	2,500
FRC	Hedge/Member	Mnths 2	Decrease	USD	2,800	2,800	2,500	2,500
FREIGHT ROUTE TC15 (BALTIC) FUTURES (T5C)								
T5C	Spec	Mth 1	Decrease	USD	3,300	3,000	3,080	2,800
T5C	Hedge/Member	Mth 1	Decrease	USD	3,000	3,000	2,800	2,800
FREIGHT ROUTE TC6 (BALTIC) FUT (TC6)								
TC6	Spec	Mnth 1	Decrease	USD	1,320	1,200	1,100	1,000
TC6	Hedge/Member	Mnth 1	Decrease	USD	1,200	1,200	1,000	1,000
TC6	Spec	Mnth 2	Decrease	USD	1,100	1,000	880	800
TC6	Hedge/Member	Mnth 2	Decrease	USD	1,000	1,000	800	800
FREIGHT ROUTE TC9 (BALTIC) FUTURES (TC9)								
TC9	Spec	Mth 1	Decrease	USD	2,200	2,000	1,980	1,800
TC9	Hedge/Member	Mth 1	Decrease	USD	2,000	2,000	1,800	1,800
FREIGHT ROUTE TD20 (BALTIC) FUTURES (T2D)								
T2D	Spec	Mth 1	Decrease	USD	1,320	1,200	1,100	1,000
T2D	Hedge/Member	Mth 1	Decrease	USD	1,200	1,200	1,000	1,000
T2D	Spec	Mths 2	Decrease	USD	990	900	880	800
T2D	Hedge/Member	Mths 2	Decrease	USD	900	900	800	800
FREIGHT ROUTE TD3C FUTURES (TL)								
TL	Spec	Mnths 3+	Decrease	USD	660	600	605	550
TL	Hedge/Member	Mnths 3+	Decrease	USD	600	600	550	550
FREIGHT ROUTE TD8 (BALTIC) FUTURES (TD8)								
TD8	Spec	Mth 1	Decrease	USD	1,210	1,100	1,100	1,000
TD8	Hedge/Member	Mth 1	Decrease	USD	1,100	1,100	1,000	1,000
TC5 RAS TANURA TO YOKOHAMA 55K MT (TH)								
TH	Spec	Mth 1	Decrease	USD	2,090	1,900	1,870	1,700
TH	Hedge/Member	Mth 1	Decrease	USD	1,900	1,900	1,700	1,700
TH	Spec	Mths 2+	Decrease	USD	1,210	1,100	1,100	1,000
TH	Hedge/Member	Mths 2+	Decrease	USD	1,100	1,100	1,000	1,000

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

TD7 NORTH SEA TO CONTINENT 80K MT (TK)

TK	Spec		Decrease	USD	1,650	1,500	1,320	1,200
TK	Hedge/Member		Decrease	USD	1,500	1,500	1,200	1,200

METALS - Outright Rates

ALUMINA FOB AUSTRALIA PLATT FUTURES (ALA)

ALA	Spec	Mths 1-4	Increase	USD	7,700	7,000	8,910	8,100
ALA	Hedge/Member	Mths 1-4	Increase	USD	7,000	7,000	8,100	8,100
ALA	Spec	Mths 5+	Increase	USD	7,700	7,000	8,910	8,100
ALA	Hedge/Member	Mths 5+	Increase	USD	7,000	7,000	8,100	8,100

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 NAT GASOLINE FUT (8L)								
8L	Spec		Increase	USD	4,620	4,200	5,830	5,300
8L	Hedge/Member		Increase	USD	4,200	4,200	5,300	5,300
MT BELVIEU ETHANE BALMO FUT (8C)								
8C	Spec		Increase	USD	1,100	1,000	1,485	1,350
8C	Hedge/Member		Increase	USD	1,000	1,000	1,350	1,350
MT. BELVIEU ETHANE (OPIS) BLM (V4)								
V4	Spec		Increase	USD	1,100	1,000	1,485	1,350
V4	Hedge/Member		Increase	USD	1,000	1,000	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								
CRUDE OIL - Intra Spreads								
Month 2 vs 9+ (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Decrease	USD	1,430	1,300	1,100	1,000
DC	Hedge/Member		Decrease	USD	1,300	1,300	1,000	1,000
Month 2 vs 9+ (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Decrease	USD	143	130	110	100
DBL	Hedge/Member		Decrease	USD	130	130	100	100
Months 1 vs 2 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Decrease	USD	2,310	2,100	1,375	1,250
DC	Hedge/Member		Decrease	USD	2,100	2,100	1,250	1,250
Months 1 vs 2 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Decrease	USD	231	210	138	125
DBL	Hedge/Member		Decrease	USD	210	210	125	125
Months 1 vs 3-8 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Decrease	USD	2,200	2,000	1,375	1,250
DC	Hedge/Member		Decrease	USD	2,000	2,000	1,250	1,250
Months 1 vs 3-8 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Decrease	USD	220	200	138	125
DBL	Hedge/Member		Decrease	USD	200	200	125	125
Months 1 vs 9+ (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Decrease	USD	2,200	2,000	1,320	1,200
DC	Hedge/Member		Decrease	USD	2,000	2,000	1,200	1,200
Months 1 vs 9+ (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Decrease	USD	220	200	132	120
DBL	Hedge/Member		Decrease	USD	200	200	120	120
Months 3-8 vs 9+ (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Decrease	USD	1,320	1,200	990	900
DC	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Months 3-8 vs 9+ (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Decrease	USD	132	120	99	90
DBL	Hedge/Member		Decrease	USD	120	120	90	90
Months 9+ vs 9+ (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Decrease	USD	1,210	1,100	880	800
DC	Hedge/Member		Decrease	USD	1,100	1,100	800	800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Months 9+ vs 9+ (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Decrease	USD	121	110	88	80
DBL	Hedge/Member		Decrease	USD	110	110	80	80
CRUDE OIL SPREADS - Intra Spreads								
BDB - Intra All Months (BRENT CRUDE V DUBAI CRUDE BALMO FUT)								
BDB	Spec		Increase	USD	693	630	825	750
BDB	Hedge/Member		Increase	USD	630	630	750	750
Dubai Brent Swap - Mnth 1 vs Mnths 2 (ICE BRENT DUBAI FUT)								
DB	Spec		Increase	USD	550	500	605	550
DB	Hedge/Member		Increase	USD	500	500	550	550
Dubai Brent Swap - Mnth 1 vs Mnths 3-8 (ICE BRENT DUBAI FUT)								
DB	Spec		Increase	USD	550	500	578	525
DB	Hedge/Member		Increase	USD	500	500	525	525
Dubai Brent Swap - Mnths 9+ vs Mnths 9+ (ICE BRENT DUBAI FUT)								
DB	Spec		Decrease	USD	385	350	303	275
DB	Hedge/Member		Decrease	USD	350	350	275	275

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
DME Products - Intra Spreads								
Brent (Singapore Marker) vs. DME Oman Crude Oil Futures - Tier 1 vs Tier 2 (BRENT (SPORE) VS DME OMAN)								
BDS	Spec		Increase	USD	924	840	1,210	1,100
BDS	Hedge/Member		Increase	USD	840	840	1,100	1,100
Brent (Singapore Marker) vs. DME Oman Crude Oil Futures - Tier 2 vs Tier 2 (BRENT (SPORE) VS DME OMAN)								
BDS	Spec		Increase	USD	924	840	1,210	1,100
BDS	Hedge/Member		Increase	USD	840	840	1,100	1,100
Brent vs. Dubai (Platts) Crude Oil BALMO Futures - All months (BRENT CRUDE OIL VS. DUBAI CRUDE OIL)								
DHI	Spec		Decrease	USD	990	900	825	750
DHI	Hedge/Member		Decrease	USD	900	900	750	750
Brent vs. Dubai (Platts) Crude Oil Futures - Tier 1 vs Tier 2 (BRENT CRUDE VS DUBAI CRUDE)								
DBI	Spec		Increase	USD	550	500	605	550
DBI	Hedge/Member		Increase	USD	500	500	550	550
Brent vs. Dubai (Platts) Crude Oil Futures - Tier 1 vs Tier 3 (BRENT CRUDE VS DUBAI CRUDE)								
DBI	Spec		Increase	USD	550	500	578	525
DBI	Hedge/Member		Increase	USD	500	500	525	525
Brent vs. Dubai (Platts) Crude Oil Futures - Tier 4 vs Tier 4 (BRENT CRUDE VS DUBAI CRUDE)								
DBI	Spec		Decrease	USD	385	350	303	275
DBI	Hedge/Member		Decrease	USD	350	350	275	275
Consecutives (SINGAPORE FUEL OIL 380CST PLATT FUT)								
DSE	Spec		Increase	USD	1,210	1,100	1,430	1,300
DSE	Hedge/Member		Increase	USD	1,100	1,100	1,300	1,300
Dubai Crude Oil (Platts) Futures - Tier 1 vs Tier 2 (DUBAI CRUDE OIL (PLATTS))								
DCD	Spec		Decrease	USD	2,310	2,100	1,375	1,250
DCD	Hedge/Member		Decrease	USD	2,100	2,100	1,250	1,250
Dubai Crude Oil (Platts) Futures - Tier 1 vs Tier 3 (DUBAI CRUDE OIL (PLATTS))								
DCD	Spec		Decrease	USD	2,200	2,000	1,375	1,250
DCD	Hedge/Member		Decrease	USD	2,000	2,000	1,250	1,250
Dubai Crude Oil (Platts) Futures - Tier 1 vs Tier 4 (DUBAI CRUDE OIL (PLATTS))								
DCD	Spec		Decrease	USD	2,200	2,000	1,320	1,200
DCD	Hedge/Member		Decrease	USD	2,000	2,000	1,200	1,200
Dubai Crude Oil (Platts) Futures - Tier 2 vs Tier 4 (DUBAI CRUDE OIL (PLATTS))								
DCD	Spec		Decrease	USD	1,430	1,300	1,100	1,000
DCD	Hedge/Member		Decrease	USD	1,300	1,300	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								
Dubai Crude Oil (Platts) Futures - Tier 3 vs Tier 4 (DUBAI CRUDE OIL (PLATTS))								
DCD	Spec		Decrease	USD	1,320	1,200	990	900
DCD	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Dubai Crude Oil (Platts) Futures - Tier 4 vs Tier 4 (DUBAI CRUDE OIL (PLATTS))								
DCD	Spec		Decrease	USD	1,210	1,100	880	800
DCD	Hedge/Member		Decrease	USD	1,100	1,100	800	800
Middle East Fuel Oil 180 cst (Platts) Futures - All Months (MIDEAST FUEL OIL 180 CST PLATTS FUT)								
DHE	Spec		Increase	USD	10,780	9,800	15,125	13,750
DHE	Hedge/Member		Increase	USD	9,800	9,800	13,750	13,750
Middle East Fuel Oil 380 cst (Platts) Futures - Mnths 1 vs 2+ (MIDEAST FUEL OIL 380 CST PLATT FUT)								
DES	Spec		Increase	USD	10,780	9,800	15,125	13,750
DES	Hedge/Member		Increase	USD	9,800	9,800	13,750	13,750
Month 1 vs 2-3 (DME OMAN CRUDE OIL)								
OQ	Spec		Decrease	USD	2,200	2,000	1,650	1,500
OQ	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
Month 1 vs 2-3 (OMAN CRUDE FINANCIAL)								
ZG	Spec		Decrease	USD	2,200	2,000	1,650	1,500
ZG	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
Month 1 vs 2-3 (OMAN CRUDE OIL TAM FUT)								
OQB	Spec		Decrease	USD	2,200	2,000	1,650	1,500
OQB	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
Month 1 vs 2-3 (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Spec		Decrease	USD	2,200	2,000	1,650	1,500
OQ1	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
Month 1 vs 4-8 (DME OMAN CRUDE OIL)								
OQ	Spec		Decrease	USD	2,200	2,000	1,375	1,250
OQ	Hedge/Member		Decrease	USD	2,000	2,000	1,250	1,250
Month 1 vs 4-8 (OMAN CRUDE FINANCIAL)								
ZG	Spec		Decrease	USD	2,200	2,000	1,375	1,250
ZG	Hedge/Member		Decrease	USD	2,000	2,000	1,250	1,250
Month 1 vs 4-8 (OMAN CRUDE OIL TAM FUT)								
OQB	Spec		Decrease	USD	2,200	2,000	1,375	1,250
OQB	Hedge/Member		Decrease	USD	2,000	2,000	1,250	1,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 1 vs 4-8 (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Spec		Decrease	USD	2,200	2,000	1,375	1,250
OQ1	Hedge/Member		Decrease	USD	2,000	2,000	1,250	1,250
Month 1 vs 9+ (DME OMAN CRUDE OIL)								
OQ	Spec		Decrease	USD	2,090	1,900	1,320	1,200
OQ	Hedge/Member		Decrease	USD	1,900	1,900	1,200	1,200
Month 1 vs 9+ (OMAN CRUDE FINANCIAL)								
ZG	Spec		Decrease	USD	2,090	1,900	1,320	1,200
ZG	Hedge/Member		Decrease	USD	1,900	1,900	1,200	1,200
Month 1 vs 9+ (OMAN CRUDE OIL TAM FUT)								
OQB	Spec		Decrease	USD	2,090	1,900	1,320	1,200
OQB	Hedge/Member		Decrease	USD	1,900	1,900	1,200	1,200
Month 1 vs 9+ (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Spec		Decrease	USD	2,090	1,900	1,320	1,200
OQ1	Hedge/Member		Decrease	USD	1,900	1,900	1,200	1,200
Months 1-2 vs 3+ (SING FUEL OIL 180 V. 380 CST FUT)								
DSD	Spec		Increase	USD	1,265	1,150	1,650	1,500
DSD	Hedge/Member		Increase	USD	1,150	1,150	1,500	1,500
Months 2+ vs 2+ (SINGAPORE FUEL OIL 380CST PLATT FUT)								
DSE	Spec		Decrease	USD	3,300	3,000	2,750	2,500
DSE	Hedge/Member		Decrease	USD	3,000	3,000	2,500	2,500
Months 2+ vs Months 2+ (MIDEAST FUEL OIL 380 CST PLATT FUT)								
DES	Spec		Increase	USD	8,800	8,000	12,320	11,200
DES	Hedge/Member		Increase	USD	8,000	8,000	11,200	11,200
Months 2-3 vs 4-8 (DME OMAN CRUDE OIL)								
OQ	Spec		Decrease	USD	495	450	440	400
OQ	Hedge/Member		Decrease	USD	450	450	400	400
Months 2-3 vs 4-8 (OMAN CRUDE FINANCIAL)								
ZG	Spec		Decrease	USD	495	450	440	400
ZG	Hedge/Member		Decrease	USD	450	450	400	400
Months 2-3 vs 4-8 (OMAN CRUDE OIL TAM FUT)								
OQB	Spec		Decrease	USD	495	450	440	400
OQB	Hedge/Member		Decrease	USD	450	450	400	400

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CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Months 2-3 vs 4-8 (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Spec		Decrease	USD	495	450	440	400
OQ1	Hedge/Member		Decrease	USD	450	450	400	400
Months 2-3 vs 9+ (DME OMAN CRUDE OIL)								
OQ	Spec		Decrease	USD	1,100	1,000	770	700
OQ	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Months 2-3 vs 9+ (OMAN CRUDE FINANCIAL)								
ZG	Spec		Decrease	USD	1,100	1,000	770	700
ZG	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Months 2-3 vs 9+ (OMAN CRUDE OIL TAM FUT)								
OQB	Spec		Decrease	USD	1,100	1,000	770	700
OQB	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Months 2-3 vs 9+ (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Spec		Decrease	USD	1,100	1,000	770	700
OQ1	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Months 3+ vs 3+ (SING FUEL OIL 180 V. 380 CST FUT)								
DSD	Spec		Increase	USD	1,375	1,250	1,540	1,400
DSD	Hedge/Member		Increase	USD	1,250	1,250	1,400	1,400
Months 4-8 vs 9+ (DME OMAN CRUDE OIL)								
OQ	Spec		Decrease	USD	1,100	1,000	770	700
OQ	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Months 4-8 vs 9+ (OMAN CRUDE FINANCIAL)								
ZG	Spec		Decrease	USD	1,100	1,000	770	700
ZG	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Months 4-8 vs 9+ (OMAN CRUDE OIL TAM FUT)								
OQB	Spec		Decrease	USD	1,100	1,000	770	700
OQB	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Months 4-8 vs 9+ (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Spec		Decrease	USD	1,100	1,000	770	700
OQ1	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Months 9+ vs 9+ (DME OMAN CRUDE OIL)								
OQ	Spec		Decrease	USD	1,100	1,000	770	700
OQ	Hedge/Member		Decrease	USD	1,000	1,000	700	700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Months 9+ vs 9+ (OMAN CRUDE FINANCIAL)								
ZG	Spec		Decrease	USD	1,100	1,000	770	700
ZG	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Months 9+ vs 9+ (OMAN CRUDE OIL TAM FUT)								
OQB	Spec		Decrease	USD	1,100	1,000	770	700
OQB	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Months 9+ vs 9+ (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Spec		Decrease	USD	1,100	1,000	770	700
OQ1	Hedge/Member		Decrease	USD	1,000	1,000	700	700
Singapore Fuel Oil 180 cst (Platts) Futures - Month 1 vs 2+ (SINGAPORE FUEL OIL180CST PLATTS FUT)								
DUP	Spec		Decrease	USD	9,625	8,750	7,150	6,500
DUP	Hedge/Member		Decrease	USD	8,750	8,750	6,500	6,500
Singapore Fuel Oil 380 cst (Platts) Futures - Month 1 vs 2+ (SINGAPORE FUEL OIL 380CST PLATT FUT)								
DSE	Spec		Decrease	USD	7,700	7,000	5,500	5,000
DSE	Hedge/Member		Decrease	USD	7,000	7,000	5,000	5,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
ELECTRICITY - Intra Spreads								
German Power Baseload Calendar month futures - Months 1 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Spec		Increase	EUR	2,310	2,100	2,750	2,500
DEB	Hedge/Member		Increase	EUR	2,100	2,100	2,500	2,500
German Power Baseload Calendar month futures - Months 1 vs 2 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Spec		Increase	EUR	2,200	2,000	2,530	2,300
DEB	Hedge/Member		Increase	EUR	2,000	2,000	2,300	2,300
German Power Baseload Calendar month futures - Months 1 vs 3 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Spec		Increase	EUR	2,200	2,000	2,640	2,400
DEB	Hedge/Member		Increase	EUR	2,000	2,000	2,400	2,400
German Power Baseload Calendar month futures - Months 1 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Spec		Increase	EUR	2,255	2,050	2,695	2,450
DEB	Hedge/Member		Increase	EUR	2,050	2,050	2,450	2,450
German Power Baseload Calendar month futures - Months 10+ vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Spec		Increase	EUR	880	800	1,232	1,120
DEB	Hedge/Member		Increase	EUR	800	800	1,120	1,120
German Power Baseload Calendar month futures - Months 2 vs 3 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Spec		Increase	EUR	1,540	1,400	1,760	1,600
DEB	Hedge/Member		Increase	EUR	1,400	1,400	1,600	1,600
German Power Baseload Calendar month futures - Months 3 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Spec		Increase	EUR	1,100	1,000	1,430	1,300
DEB	Hedge/Member		Increase	EUR	1,000	1,000	1,300	1,300
German Power Baseload Calendar month futures - Months 4-9 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Spec		Increase	EUR	1,045	950	1,430	1,300
DEB	Hedge/Member		Increase	EUR	950	950	1,300	1,300
German Power Peakload Calendar month futures – Months 10+ vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Spec		Increase	EUR	440	400	616	560
DEP	Hedge/Member		Increase	EUR	400	400	560	560
German Power Peakload Calendar month futures – Months 4-9 vs 4-9 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Spec		Increase	EUR	770	700	853	775
DEP	Hedge/Member		Increase	EUR	700	700	775	775

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Italian Power Baseload Calendar month futures – Months 10+ vs 10+ (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Spec		Increase	EUR	770	700	990	900
ITB	Hedge/Member		Increase	EUR	700	700	900	900
Italian Power Baseload Calendar month futures – Months 2 vs 10+ (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Spec		Increase	EUR	1,870	1,700	2,365	2,150
ITB	Hedge/Member		Increase	EUR	1,700	1,700	2,150	2,150
Italian Power Baseload Calendar month futures – Months 2 vs 3 (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Spec		Increase	EUR	1,540	1,400	1,925	1,750
ITB	Hedge/Member		Increase	EUR	1,400	1,400	1,750	1,750
Italian Power Baseload Calendar month futures – Months 2 vs 4-9 (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Spec		Increase	EUR	1,760	1,600	2,420	2,200
ITB	Hedge/Member		Increase	EUR	1,600	1,600	2,200	2,200
Italian Power Baseload Calendar month futures – Months 3 vs 10+ (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Spec		Increase	EUR	1,760	1,600	1,925	1,750
ITB	Hedge/Member		Increase	EUR	1,600	1,600	1,750	1,750
Italian Power Baseload Calendar month futures – Months 3 vs 4-9 (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Spec		Increase	EUR	1,650	1,500	1,870	1,700
ITB	Hedge/Member		Increase	EUR	1,500	1,500	1,700	1,700
Italian Power Baseload Calendar month futures – Months 4-9 vs 10+ (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Spec		Increase	EUR	990	900	1,375	1,250
ITB	Hedge/Member		Increase	EUR	900	900	1,250	1,250
Italian Power Baseload Calendar month futures – Months 4-9 vs 4-9 (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Spec		Increase	EUR	1,155	1,050	1,540	1,400
ITB	Hedge/Member		Increase	EUR	1,050	1,050	1,400	1,400
Italian Power Peakload Calendar month futures – Months 1 vs 10+ (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Spec		Decrease	EUR	2,090	1,900	1,870	1,700
ITP	Hedge/Member		Decrease	EUR	1,900	1,900	1,700	1,700
Italian Power Peakload Calendar month futures – Months 1 vs 2 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Spec		Decrease	EUR	2,640	2,400	2,200	2,000
ITP	Hedge/Member		Decrease	EUR	2,400	2,400	2,000	2,000
Italian Power Peakload Calendar month futures – Months 1 vs 3 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Spec		Decrease	EUR	2,090	1,900	1,870	1,700
ITP	Hedge/Member		Decrease	EUR	1,900	1,900	1,700	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Italian Power Peakload Calendar month futures – Months 1 vs 4-9 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Spec		Decrease	EUR	2,090	1,900	1,870	1,700
ITP	Hedge/Member		Decrease	EUR	1,900	1,900	1,700	1,700
Italian Power Peakload Calendar month futures – Months 2 vs 10+ (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Spec		Decrease	EUR	2,200	2,000	1,925	1,750
ITP	Hedge/Member		Decrease	EUR	2,000	2,000	1,750	1,750
Italian Power Peakload Calendar month futures – Months 2 vs 3 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Spec		Decrease	EUR	1,980	1,800	1,760	1,600
ITP	Hedge/Member		Decrease	EUR	1,800	1,800	1,600	1,600
Italian Power Peakload Calendar month futures – Months 2 vs 4-9 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Spec		Decrease	EUR	2,090	1,900	1,760	1,600
ITP	Hedge/Member		Decrease	EUR	1,900	1,900	1,600	1,600
Italian Power Peakload Calendar month futures – Months 3 vs 10+ (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Spec		Decrease	EUR	1,540	1,400	1,320	1,200
ITP	Hedge/Member		Decrease	EUR	1,400	1,400	1,200	1,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
CRUDE OIL - Volatility Scan (volScan Down) Rate						
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, NY-WS, NY-CS, NY-26) – volScan Down						
Clearing Member Rate	Month 2	New				7.5%
Clearing Member Rate	Months 3 - 7	New				5%
Clearing Member Rate	Months 8 - 19	New				4%
Clearing Member Rate	Months 20+	New				2.5%
BRENT LAST DAY FINANCIAL FUTURES (NY-BZ, NY-BB, NY-CY) – volScan Down						
Clearing Member Rate	Month 1	New				18%
Clearing Member Rate	Month 2	New				6.5%
Clearing Member Rate	Months 3 - 7	New				5%
Clearing Member Rate	Months 8-15	New				4%
Clearing Member Rate	Months 16-19	New				3%
Clearing Member Rate	Months 20+	New				2.5%

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	2,475	2,250	3,025	2,750
NYP	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
THD	Spec		Increase	USD	2,035	1,850	2,750	2,500
THD	Hedge/Member		Increase	USD	1,850	1,850	2,500	2,500
LNG Japan/Korea Marker (Platts) Swap Futures - All Months (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Spec		Increase	USD	3,850	3,500	4,400	4,000
JKM	Hedge/Member		Increase	USD	3,500	3,500	4,000	4,000
NBP Intras 1 vs 2+ (UK NBP NATURAL GAS FRONT MTH FUT)								
NBP	Spec		Increase	USD	2,035	1,850	2,200	2,000
NBP	Hedge/Member		Increase	USD	1,850	1,850	2,000	2,000
NBP Intras 2+ vs 2+ (UK NBP NATURAL GAS FRONT MTH FUT)								
NBP	Spec		Increase	USD	1,980	1,800	2,475	2,250
NBP	Hedge/Member		Increase	USD	1,800	1,800	2,250	2,250
Panhandle Basis Swap - All Months (PANHANDLE BASIS FUT)								
PH	Spec		Increase	USD	220	200	264	240
PH	Hedge/Member		Increase	USD	200	200	240	240
TTE Intras 2+ vs 2+ (DUTCH TTF NATURAL GAS FRONT MTH FUT)								
TTE	Spec		Increase	USD	1,760	1,600	2,090	1,900
TTE	Hedge/Member		Increase	USD	1,600	1,600	1,900	1,900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
NGL/PETROCHEMICALS - Intra Spreads								
Argus Propane (Saudi Aramco) Swap - 1 vs. All Months (ARGUS PROPAN(SAUDI ARAMCO) FUT)								
9N	Spec		Increase	USD	9,900	9,000	13,200	12,000
9N	Hedge/Member		Increase	USD	9,000	9,000	12,000	12,000
Argus Propane (Saudi Aramco) Swap - 1 vs. All Months (MIN ARGUS PROPANE SAUDI ARAMCO FUT)								
MAS	Spec		Increase	USD	990	900	1,320	1,200
MAS	Hedge/Member		Increase	USD	900	900	1,200	1,200
Argus Propane (Saudi Aramco) Swap - 2+ All Months (ARGUS PROPAN(SAUDI ARAMCO) FUT)								
9N	Spec		Increase	USD	8,250	7,500	11,550	10,500
9N	Hedge/Member		Increase	USD	7,500	7,500	10,500	10,500
Argus Propane (Saudi Aramco) Swap - 2+ All Months (MIN ARGUS PROPANE SAUDI ARAMCO FUT)								
MAS	Spec		Increase	USD	825	750	1,155	1,050
MAS	Hedge/Member		Increase	USD	750	750	1,050	1,050
Argus Propane (Saudi Aramco) Swap - Consecutives (ARGUS PROPAN(SAUDI ARAMCO) FUT)								
9N	Spec		Increase	USD	4,400	4,000	6,160	5,600
9N	Hedge/Member		Increase	USD	4,000	4,000	5,600	5,600
Argus Propane (Saudi Aramco) Swap - Consecutives (MIN ARGUS PROPANE SAUDI ARAMCO FUT)								
MAS	Spec		Increase	USD	440	400	616	560
MAS	Hedge/Member		Increase	USD	400	400	560	560

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	8,382	7,620	10,478	9,525
FVB	Hedge/Member		Increase	USD	7,620	7,620	9,525	9,525
1% Fuel Oil NWE Crack Spread Swap - All Months (FUEL OIL NWE CRACK VS. ICE)								
FI	Spec		Increase	USD	1,320	1,200	1,650	1,500
FI	Hedge/Member		Increase	USD	1,200	1,200	1,500	1,500
1% Fuel Oil NWE Crack Spread Swap - All Months (MINI 1% FUEL OIL CARGO CRACK)								
MNS	Spec		Increase	USD	838	762	1,048	953
MNS	Hedge/Member		Increase	USD	762	762	953	953
1% Fuel Oil Rdam vs. 1% Fuel Oil NWE (Platts) Swap Futures - All Months (1% FUEL OIL RDM VS 1% OIL NWE PLTS)								
33	Spec		Increase	USD	2,090	1,900	2,640	2,400
33	Hedge/Member		Increase	USD	1,900	1,900	2,400	2,400
3.5% Fuel Oil CIF Med (Platts) vs. 3.5% Fuel Oil FOB Med (Platts) Futures - All Months (3.5% FUEL OIL CIF MED VS 3.5% FUEL)								
CMF	Spec		Increase	USD	2,200	2,000	2,750	2,500
CMF	Hedge/Member		Increase	USD	2,000	2,000	2,500	2,500
3.5% Fuel Oil FOB MED Crack Spread Swap - All Months (EURO 3.5% FUEL OIL M CRK)								
FL	Spec		Increase	USD	880	800	1,210	1,100
FL	Hedge/Member		Increase	USD	800	800	1,100	1,100
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 4+ (JET CIF NWE VS ICE)								
JC	Spec		Increase	USD	2,530	2,300	3,520	3,200
JC	Hedge/Member		Increase	USD	2,300	2,300	3,200	3,200
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 4+ (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Spec		Increase	USD	253	230	352	320
MJC	Hedge/Member		Increase	USD	230	230	320	320
European Jet CIF NWE v. Gasoil Futures Swap - 4+ vs 4+ (JET CIF NWE VS ICE)								
JC	Spec		Decrease	USD	1,870	1,700	1,650	1,500
JC	Hedge/Member		Decrease	USD	1,700	1,700	1,500	1,500
European Jet CIF NWE v. Gasoil Futures Swap - 4+ vs 4+ (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Spec		Decrease	USD	187	170	165	150
MJC	Hedge/Member		Decrease	USD	170	170	150	150
Months 2+ vs 2+ (SINGAPORE JET KERO GASOIL FUT)								
RK	Spec		New	USD			688	625
RK	Hedge/Member		New	USD			625	625

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
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	1,155	1,050	1,540	1,400
88	Hedge/Member		Increase	USD	1,050	1,050	1,400	1,400
Singapore Fuel Oil Spread Swap - months 1-2 vs 3+ (SINGAPORE FUEL OIL SPREAD FUT)								
SD	Spec		Increase	USD	1,265	1,150	1,650	1,500
SD	Hedge/Member		Increase	USD	1,150	1,150	1,500	1,500
Singapore Fuel Oil Spread Swap - Months 3+ vs 3+ (SINGAPORE FUEL OIL SPREAD FUT)								
SD	Spec		Increase	USD	1,375	1,250	1,540	1,400
SD	Hedge/Member		Increase	USD	1,250	1,250	1,400	1,400
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 1v3 (SINGAPORE GASOIL VS ICE)								
GA	Spec		Increase	USD	1,210	1,100	1,320	1,200
GA	Hedge/Member		Increase	USD	1,100	1,100	1,200	1,200
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 2v3 (SINGAPORE GASOIL VS ICE)								
GA	Spec		Increase	USD	1,045	950	1,155	1,050
GA	Hedge/Member		Increase	USD	950	950	1,050	1,050
Singapore Jet Kerosene (Platts) Dubai Crack Spread Swap Futures - All Months (SINGAPORE JET DUBAI CRACK)								
KSD	Spec		Increase	USD	880	800	1,100	1,000
KSD	Hedge/Member		Increase	USD	800	800	1,000	1,000
Singapore Jet Regrade: Jet Kero vs Gasoil Swap - Month 1 vs 2+ (SINGAPORE JET KERO GASOIL FUT)								
RK	Spec		Increase	USD	688	625	963	875
RK	Hedge/Member		Increase	USD	625	625	875	875
Singapore vs. Middle East Fuel Oil 380 cst Spread (S&P Global Platts) Futures - Mnth 1 vs 2+ (SING V. MIDDLE EAST FUEL OIL 380CST)								
DSI	Spec		Increase	USD	6,050	5,500	6,600	6,000
DSI	Hedge/Member		Increase	USD	5,500	5,500	6,000	6,000
ULSD 10ppm CIF MED vs. ICE Gasoil Swap - All Months (MIN ULSD 10PPM CRGOS CIF MED VS GSL)								
UCM	Spec		Decrease	USD	231	210	193	175
UCM	Hedge/Member		Decrease	USD	210	210	175	175
ULSD 10ppm CIF MED vs. ICE Gasoil Swap - All Months (ULSD 10PPM CIF MED VS. ICE GAS)								
Z7	Spec		Decrease	USD	2,310	2,100	1,925	1,750
Z7	Hedge/Member		Decrease	USD	2,100	2,100	1,750	1,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
REFINED PRODUCTS - Intra Spreads								
1% FUEL OIL (PLATTS) CARGO CIF MED - 1 vs 2+ (1% FUEL OIL (PLT) CARG CIF MED)								
1W	Spec		Decrease	USD	5,500	5,000	4,675	4,250
1W	Hedge/Member		Decrease	USD	5,000	5,000	4,250	4,250
1% FUEL OIL (PLATTS) CARGO CIF MED - 2+ vs 2+ (1% FUEL OIL (PLT) CARG CIF MED)								
1W	Spec		Decrease	USD	2,860	2,600	2,640	2,400
1W	Hedge/Member		Decrease	USD	2,600	2,600	2,400	2,400
1% FUEL OIL (PLATTS) CARGO CIF NWE - All Months (1% FUEL OIL (PLT) CARG CIF NWE)								
1X	Spec		Decrease	USD	6,875	6,250	5,720	5,200
1X	Hedge/Member		Decrease	USD	6,250	6,250	5,200	5,200
1% FUEL OIL (PLATTS) CARGO CIF NWE - All Months (MIN 1% FUEL OIL CIF CARGOES FUTURES)								
MFP	Spec		Decrease	USD	688	625	572	520
MFP	Hedge/Member		Decrease	USD	625	625	520	520
Chicago ULSD (Platts) Swap - All Months (CHICAGO ULSD (PLATTS) FUT)								
4C	Spec		Decrease	USD	3,850	3,500	3,300	3,000
4C	Hedge/Member		Decrease	USD	3,500	3,500	3,000	3,000
Chicago Unleaded Gasoline (Platts) Swap - All Months (CHICAGO UNLEADED GAS(PLATTS) S)								
2C	Spec		Increase	USD	528	480	743	675
2C	Hedge/Member		Increase	USD	480	480	675	675
Daily European 3.5% Fuel Oil (Platts) Barges FOB Rdam Swap Futures - All Months (DALY EURO 3.5% FOIL BRGES FOB RDAM)								
FOR	Spec		Increase	USD	990	900	1,210	1,100
FOR	Hedge/Member		Increase	USD	900	900	1,100	1,100
Daily Gasoline Euro-bob Oxy (Argus) NWE Barges Swap Futures - All Months (DALY GAS EUROBOB OXY ARGS NWE BRGS)								
GBR	Spec		Decrease	USD	6,600	6,000	5,500	5,000
GBR	Hedge/Member		Decrease	USD	6,000	6,000	5,000	5,000
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP- 1 vs 2+ (EIA FLAT TAX ONHWAY DIESEL FUT)								
A5	Spec		Decrease	USD	3,025	2,750	2,420	2,200
A5	Hedge/Member		Decrease	USD	2,750	2,750	2,200	2,200
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP- 2+ vs 2+ (EIA FLAT TAX ONHWAY DIESEL FUT)								
A5	Spec		Decrease	USD	1,540	1,400	1,320	1,200
A5	Hedge/Member		Decrease	USD	1,400	1,400	1,200	1,200

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 (Platts) Barges FOB Rdam BALMO Swap Futures-All Months (EUR 1% FUEL OIL FOB RDM BALMO FUT)								
6L	Spec		Increase	USD	2,640	2,400	3,465	3,150
6L	Hedge/Member		Increase	USD	2,400	2,400	3,150	3,150
European 1% Fuel Oil (Platts) Barges FOB Rdam BALMO Swap Futures-All Months (MINI EUR1%FUELOIL FOB RDM BALMO FUT)								
0A	Spec		Increase	USD	264	240	347	315
0A	Hedge/Member		Increase	USD	240	240	315	315
European 1% Fuel Oil BALMO Swap (Northwest Europe) - All Months (EURO 1% FUEL OIL NEW BALMO)								
KX	Spec		Increase	USD	3,410	3,100	4,400	4,000
KX	Hedge/Member		Increase	USD	3,100	3,100	4,000	4,000
European 1% Fuel Oil BALMO Swap (Northwest Europe) - All Months (MINEUR1%FUEL OIL CRGO FOB NWE BALMO)								
0C	Spec		Increase	USD	341	310	440	400
0C	Hedge/Member		Increase	USD	310	310	400	400
European 1% Fuel Oil Calendar Swap (Northwest Europe) - All Months (EUROPE 1% FUEL OIL NWE CALFUT)								
UF	Spec		Decrease	USD	7,700	7,000	6,600	6,000
UF	Hedge/Member		Decrease	USD	7,000	7,000	6,000	6,000
European 1% Fuel Oil Calendar Swap (Northwest Europe) - All Months (MIN EUR 1% FUEL OIL CRGO FOBNWE FUT)								
0B	Spec		Decrease	USD	770	700	660	600
0B	Hedge/Member		Decrease	USD	700	700	600	600
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Consecutive (EUROPE 3.5% FUEL OIL MED CALFUT)								
UI	Spec		Decrease	USD	2,200	2,000	1,925	1,750
UI	Hedge/Member		Decrease	USD	2,000	2,000	1,750	1,750
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Consecutive (MINI 3.5% FUEL OIL CAR MED FUT)								
MMF	Spec		Decrease	USD	220	200	193	175
MMF	Hedge/Member		Decrease	USD	200	200	175	175
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	4,565	4,150	4,125	3,750
UI	Spec		Decrease	USD	7,700	7,000	6,050	5,500
UI	Hedge/Member		Decrease	USD	4,150	4,150	3,750	3,750
UI	Hedge/Member		Decrease	USD	7,000	7,000	5,500	5,500

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+ (MINI 3.5% FUEL OIL CAR MED FUT)								
MMF	Spec		Decrease	USD	770	700	605	550
MMF	Spec		Decrease	USD	457	415	413	375
MMF	Hedge/Member		Decrease	USD	700	700	550	550
MMF	Hedge/Member		Decrease	USD	415	415	375	375
European 3.5% Fuel Oil Rotterdam Calendar Swap - Consecutive Months 2+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Decrease	USD	2,200	2,000	1,650	1,500
UV	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Consecutive Months 2+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Spec		Decrease	USD	22	20	17	15
MEF	Hedge/Member		Decrease	USD	20	20	15	15
European 3.5% Fuel Oil Rotterdam Calendar Swap - Consecutive Months 2+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		Decrease	USD	220	200	165	150
OD	Hedge/Member		Decrease	USD	200	200	150	150
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 14+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Decrease	USD	4,400	4,000	3,850	3,500
UV	Hedge/Member		Decrease	USD	4,000	4,000	3,500	3,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 14+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Spec		Decrease	USD	44	40	39	35
MEF	Hedge/Member		Decrease	USD	40	40	35	35
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 14+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		Decrease	USD	440	400	385	350
OD	Hedge/Member		Decrease	USD	400	400	350	350
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 7-13 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Decrease	USD	4,400	4,000	3,850	3,500
UV	Hedge/Member		Decrease	USD	4,000	4,000	3,500	3,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 7-13 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Spec		Decrease	USD	44	40	39	35
MEF	Hedge/Member		Decrease	USD	40	40	35	35
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		Decrease	USD	440	400	385	350
OD	Hedge/Member		Decrease	USD	400	400	350	350

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 14+ vs 14+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Decrease	USD	3,300	3,000	3,025	2,750
UV	Hedge/Member		Decrease	USD	3,000	3,000	2,750	2,750
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 14+ vs 14+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Spec		Decrease	USD	33	30	30	28
MEF	Hedge/Member		Decrease	USD	30	30	28	28
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 14+ vs 14+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		Decrease	USD	330	300	303	275
OD	Hedge/Member		Decrease	USD	300	300	275	275
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 14+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Decrease	USD	5,610	5,100	4,675	4,250
UV	Hedge/Member		Decrease	USD	5,100	5,100	4,250	4,250
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 14+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Spec		Decrease	USD	56	51	47	43
MEF	Hedge/Member		Decrease	USD	51	51	43	43
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 14+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		Decrease	USD	561	510	468	425
OD	Hedge/Member		Decrease	USD	510	510	425	425
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-13 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Decrease	USD	4,125	3,750	3,520	3,200
UV	Hedge/Member		Decrease	USD	3,750	3,750	3,200	3,200
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-13 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Spec		Decrease	USD	41	38	35	32
MEF	Hedge/Member		Decrease	USD	38	38	32	32
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-13 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		Decrease	USD	413	375	352	320
OD	Hedge/Member		Decrease	USD	375	375	320	320
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-13 vs 14+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Decrease	USD	4,620	4,200	4,125	3,750
UV	Hedge/Member		Decrease	USD	4,200	4,200	3,750	3,750
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-13 vs 14+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Spec		Decrease	USD	46	42	41	38
MEF	Hedge/Member		Decrease	USD	42	42	38	38

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 7-13 vs 14+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Spec		Decrease	USD	462	420	413	375
0D	Hedge/Member		Decrease	USD	420	420	375	375
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-13 vs 7-13 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Decrease	USD	2,860	2,600	2,530	2,300
UV	Hedge/Member		Decrease	USD	2,600	2,600	2,300	2,300
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-13 vs 7-13 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Spec		Decrease	USD	29	26	25	23
MEF	Hedge/Member		Decrease	USD	26	26	23	23
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		Decrease	USD	286	260	253	230
0D	Hedge/Member		Decrease	USD	260	260	230	230
European Jet Kero Rotterdam Calendar Swap - All Months (EUROPE JET KERO RDAM CALFUT)								
UR	Spec		Increase	USD	7,700	7,000	10,450	9,500
UR	Hedge/Member		Increase	USD	7,000	7,000	9,500	9,500
European Naphtha Calendar Swap - Mnth 1 vs Mnths 2-6 (EUROPE NAPHTHA CALFUT)								
UN	Spec		Decrease	USD	10,450	9,500	8,250	7,500
UN	Hedge/Member		Decrease	USD	9,500	9,500	7,500	7,500
European Naphtha Calendar Swap - Mnth 1 vs Mnths 2-6 (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		Decrease	USD	1,045	950	825	750
MNC	Hedge/Member		Decrease	USD	950	950	750	750
European Naphtha Calendar Swap - Mnths 2-6 vs 2-6 (EUROPE NAPHTHA CALFUT)								
UN	Spec		Decrease	USD	6,600	6,000	4,950	4,500
UN	Hedge/Member		Decrease	USD	6,000	6,000	4,500	4,500
European Naphtha Calendar Swap - Mnths 2-6 vs 2-6 (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		Decrease	USD	660	600	495	450
MNC	Hedge/Member		Decrease	USD	600	600	450	450
European Singapore Fuel Oil 180cst Calendar Swap - Month 1 vs Months 2+ (MINI SINGP FUEL OIL 180CST FUTURES)								
0F	Spec		Decrease	USD	963	875	715	650
0F	Hedge/Member		Decrease	USD	875	875	650	650
European Singapore Fuel Oil 180cst Calendar Swap - Month 1 vs Months 2+ (SINGAPORE FUEL 180CST CALFUT)								
UA	Spec		Decrease	USD	9,625	8,750	7,150	6,500
UA	Hedge/Member		Decrease	USD	8,750	8,750	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								
Fuel Oil 3.5% CIF MED Swap - 2+ vs 2+ (3.5% FUEL OIL CID MED FUT)								
7D	Spec		Decrease	USD	2,750	2,500	2,475	2,250
7D	Hedge/Member		Decrease	USD	2,500	2,500	2,250	2,250
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 1 vs Mnth 2 (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 1 vs Mnth 2 (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 - Mnth 2 vs 3 (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	6,050	5,500	5,225	4,750
7H	Hedge/Member		Decrease	USD	5,500	5,500	4,750	4,750
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 2 vs 3 (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	6,050	5,500	5,225	4,750
MEO	Hedge/Member		Decrease	USD	5,500	5,500	4,750	4,750
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 1 vs Months 3+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	9,900	9,000	6,600	6,000
7H	Hedge/Member		Decrease	USD	9,000	9,000	6,000	6,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 1 vs Months 3+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	9,900	9,000	6,600	6,000
MEO	Hedge/Member		Decrease	USD	9,000	9,000	6,000	6,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 2 vs Months 3+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	15,400	14,000	9,350	8,500
7H	Hedge/Member		Decrease	USD	14,000	14,000	8,500	8,500
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 2 vs Months 3+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	15,400	14,000	9,350	8,500
MEO	Hedge/Member		Decrease	USD	14,000	14,000	8,500	8,500
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Months 3+ vs Months 3+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	4,400	4,000	3,575	3,250
7H	Hedge/Member		Decrease	USD	4,000	4,000	3,250	3,250
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Months 3+ vs Months 3+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	4,400	4,000	3,575	3,250
MEO	Hedge/Member		Decrease	USD	4,000	4,000	3,250	3,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Gulf Coast CBOB Gasoline A2 (Platts) Swap Futures - Tier 1 vs. 2 (GULF CST CBOB GAS PLATTS A2 FUTURES)								
CRG	Spec		Increase	USD	1,100	1,000	1,540	1,400
CRG	Hedge/Member		Increase	USD	1,000	1,000	1,400	1,400
Gulf Coast CBOB Gasoline A2 (Platts) Swap Futures - Tier 1 vs. 3 (GULF CST CBOB GAS PLATTS A2 FUTURES)								
CRG	Spec		Increase	USD	1,100	1,000	1,540	1,400
CRG	Hedge/Member		Increase	USD	1,000	1,000	1,400	1,400
Gulf Coast CBOB Gasoline A2 (Platts) Swap Futures - Tier 2 vs. 3 (GULF CST CBOB GAS PLATTS A2 FUTURES)								
CRG	Spec		Increase	USD	1,100	1,000	1,540	1,400
CRG	Hedge/Member		Increase	USD	1,000	1,000	1,400	1,400
Gulf Coast CBOB Gasoline A2 (Platts) Swap Futures - Tier 3 vs. 3 (GULF CST CBOB GAS PLATTS A2 FUTURES)								
CRG	Spec		Increase	USD	1,100	1,000	1,540	1,400
CRG	Hedge/Member		Increase	USD	1,000	1,000	1,400	1,400
Gulf Coast Heating Oil Calendar Swap - All Months (GULF COAST HEATING OIL CLNDR FUT)								
GP	Spec		Increase	USD	440	400	616	560
GP	Hedge/Member		Increase	USD	400	400	560	560
Gulf Coast Jet Fuel Calendar Swap - All Months (GULF COAST JET FUEL CLNDR FUT)								
GE	Spec		Decrease	USD	1,705	1,550	1,320	1,200
GE	Hedge/Member		Decrease	USD	1,550	1,550	1,200	1,200
Japan C&F Naphtha (Platts) Swap - All Months (JAPAN C&F NAPHTHA FUT)								
JA	Spec		Decrease	USD	7,700	7,000	6,050	5,500
JA	Hedge/Member		Decrease	USD	7,000	7,000	5,500	5,500
Japan C&F Naphtha (Platts) Swap - All Months (JAPAN NAPHTHA BALMO FUT)								
E6	Spec		Increase	USD	5,225	4,750	7,260	6,600
E6	Hedge/Member		Increase	USD	4,750	4,750	6,600	6,600
Japan C&F Naphtha (Platts) Swap - All Months (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Spec		Decrease	USD	770	700	605	550
MJN	Hedge/Member		Decrease	USD	700	700	550	550
Japan C&F Naphtha (Platts) Swap - All Months (MINI JAPAN NAPHTHA BALMO FUT)								
E6M	Spec		Increase	USD	523	475	726	660
E6M	Hedge/Member		Increase	USD	475	475	660	660
Japan C&F Naphtha (Platts) Swap - Consecutive (JAPAN C&F NAPHTHA FUT)								
JA	Spec		Decrease	USD	2,420	2,200	2,200	2,000
JA	Hedge/Member		Decrease	USD	2,200	2,200	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								
Japan C&F Naphtha (Platts) Swap - Consecutive (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Spec		Decrease	USD	242	220	220	200
MJN	Hedge/Member		Decrease	USD	220	220	200	200
Japan C&F Naphtha (PLATTS) Swap - 2+ vs 2+ (JAPAN C&F NAPHTHA FUT)								
JA	Spec		Decrease	USD	5,720	5,200	5,170	4,700
JA	Hedge/Member		Decrease	USD	5,200	5,200	4,700	4,700
Japan C&F Naphtha (PLATTS) Swap - 2+ vs 2+ (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Spec		Decrease	USD	572	520	517	470
MJN	Hedge/Member		Decrease	USD	520	520	470	470
Los Angeles CARB Diesel (OPIS) Outright Swap - All Months (LA CARB DIESEL (OPIS))								
LX	Spec		Decrease	USD	8,250	7,500	5,500	5,000
LX	Hedge/Member		Decrease	USD	7,500	7,500	5,000	5,000
Los Angeles CARB Gasoline Swap - All Months (LOS ANGELES CARB GASOLINE FUT)								
MH	Spec		Increase	USD	682	620	957	870
MH	Hedge/Member		Increase	USD	620	620	870	870
MID EAST GASOIL ARAB GULF BALMO - All Months (MID EAST GASOIL ARAB GULF BALMO)								
MBS	Spec		Increase	USD	1,760	1,600	2,200	2,000
MBS	Hedge/Member		Increase	USD	1,600	1,600	2,000	2,000
MINI MID EAST HSFO 180 ARAB GULF - All Months (MINI MID EAST HSFO 180 ARAB GULF)								
MHE	Spec		Increase	USD	1,078	980	1,513	1,375
MHE	Hedge/Member		Increase	USD	980	980	1,375	1,375
MINI MID EAST HSFO 380 ARAB GULF - Months 1 vs 2+ (MINI MID EAST HSFO 380 ARAB GULF)								
MSE	Spec		Increase	USD	1,045	950	1,513	1,375
MSE	Hedge/Member		Increase	USD	950	950	1,375	1,375
Months 1 vs 7+ (EUROPE NAPHTHA CALFUT)								
UN	Spec		New	USD			10,450	9,500
UN	Hedge/Member		New	USD			9,500	9,500
Months 1 vs 7+ (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		New	USD			1,045	950
MNC	Hedge/Member		New	USD			950	950
Months 2+ vs 2+ (MINI MID EAST HSFO 380 ARAB GULF)								
MSE	Spec		Increase	USD	880	800	1,232	1,120
MSE	Hedge/Member		Increase	USD	800	800	1,120	1,120

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Months 2-6 vs 7+ (EURO NAPHTHA CALFUT)								
UN	Spec		New	USD			6,600	6,000
UN	Hedge/Member		New	USD			6,000	6,000
Months 2-6 vs 7+ (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		New	USD			660	600
MNC	Hedge/Member		New	USD			600	600
Months 7+ vs 7+ (EURO NAPHTHA CALFUT)								
UN	Spec		New	USD			4,950	4,500
UN	Hedge/Member		New	USD			4,500	4,500
Months 7+ vs 7+ (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		New	USD			495	450
MNC	Hedge/Member		New	USD			450	450
NEW YORK 3.0% FUEL OIL (PLATTS) SWAP - All Months (NY 3.0% FUEL OIL (PLATTS) FUT)								
H1	Spec		Decrease	USD	1,650	1,500	1,100	1,000
H1	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Premium UNL Gasoline 10ppm (Platts) Cargoes CIF NW - All Months (PREMIUM UNLD 10PPM CARGOES CIF)								
4G	Spec		Increase	USD	6,380	5,800	8,800	8,000
4G	Hedge/Member		Increase	USD	5,800	5,800	8,000	8,000
Premium UNL Gasoline 10ppm (Platts) FOB Med Balmo - All Months (PREMIUM UNLEAD 10PPM FOB BLMO)								
8G	Spec		Increase	USD	4,840	4,400	6,600	6,000
8G	Hedge/Member		Increase	USD	4,400	4,400	6,000	6,000
Premium Unl Gasoline 10ppm (Platts) FOB Med Swap - All Months (PREMIUM UNLD 10P FOB MED FUT)								
3G	Spec		Decrease	USD	18,150	16,500	11,000	10,000
3G	Hedge/Member		Decrease	USD	16,500	16,500	10,000	10,000
Premium Unleaded Gasoline 10 ppm (Platts) Rdam FOB Barges BALMO Swap - All Months (PREM UNL GAS 10 PPM BALMO)								
7N	Spec		Increase	USD	3,740	3,400	4,675	4,250
7N	Hedge/Member		Increase	USD	3,400	3,400	4,250	4,250
Premium Unleaded Gasoline 10 ppm (Platts) Rdam FOB Barges Swap - All Months (PREM UNL GAS 10 PPM (PLTS) RDM)								
7L	Spec		Decrease	USD	13,200	12,000	11,000	10,000
7L	Hedge/Member		Decrease	USD	12,000	12,000	10,000	10,000
RBOB (Platts) Calendar Swap - All Months (RBOB (PLATTS) CAL FUT)								
RY	Spec		Increase	USD	275	250	385	350
RY	Hedge/Member		Increase	USD	250	250	350	350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore 380CST Fuel Oil - 2+ vs 2+ (MICRO SINGAPORE FUEL OIL 380CST (PL))								
MAF	Spec		Decrease	USD	33	30	28	25
MAF	Hedge/Member		Decrease	USD	30	30	25	25
Singapore 380CST Fuel Oil - 2+ vs 2+ (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Spec		Decrease	USD	330	300	275	250
MTS	Hedge/Member		Decrease	USD	300	300	250	250
Singapore 380CST Fuel Oil - 2+ vs 2+ (SINGAPORE 380CST FUEL OIL FUT)								
SE	Spec		Decrease	USD	3,300	3,000	2,750	2,500
SE	Hedge/Member		Decrease	USD	3,000	3,000	2,500	2,500
Singapore 380cst Fuel Oil Swap - 1 vs 2+ (MICRO SINGAPORE FUEL OIL 380CST (PL))								
MAF	Spec		Decrease	USD	77	70	55	50
MAF	Hedge/Member		Decrease	USD	70	70	50	50
Singapore 380cst Fuel Oil Swap - 1 vs 2+ (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Spec		Decrease	USD	770	700	550	500
MTS	Hedge/Member		Decrease	USD	700	700	500	500
Singapore 380cst Fuel Oil Swap - 1 vs 2+ (SINGAPORE 380CST FUEL OIL FUT)								
SE	Spec		Decrease	USD	7,700	7,000	5,500	5,000
SE	Hedge/Member		Decrease	USD	7,000	7,000	5,000	5,000
Singapore 380cst Fuel Oil Swap - Consecutives (MICRO SINGAPORE FUEL OIL 380CST (PL))								
MAF	Spec		Increase	USD	12	11	14	13
MAF	Hedge/Member		Increase	USD	11	11	13	13
Singapore 380cst Fuel Oil Swap - Consecutives (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Spec		Increase	USD	121	110	143	130
MTS	Hedge/Member		Increase	USD	110	110	130	130
Singapore 380cst Fuel Oil Swap - Consecutives (SINGAPORE 380CST FUEL OIL FUT)								
SE	Spec		Increase	USD	1,210	1,100	1,430	1,300
SE	Hedge/Member		Increase	USD	1,100	1,100	1,300	1,300
Singapore Fuel Oil 180 cst vs. 380 cst Spread (Platts) BALMO Swap Futures - All Months (SG VISCOSITY SPREAD BALMO)								
MSD	Spec		Increase	USD	715	650	990	900
MSD	Hedge/Member		Increase	USD	650	650	900	900
Singapore Gasoil Swap - Months 1vs Months 2-8 (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Spec		Decrease	USD	165	150	154	140
MSG	Hedge/Member		Decrease	USD	150	150	140	140

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 2-8 (SINGAPORE GASOIL FUT)								
SG	Spec		Decrease	USD	1,650	1,500	1,540	1,400
SG	Hedge/Member		Decrease	USD	1,500	1,500	1,400	1,400
Singapore Gasoil Swap - Months 1vs Months 2-8 (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Spec		Decrease	USD	1,650	1,500	1,540	1,400
SSG	Hedge/Member		Decrease	USD	1,500	1,500	1,400	1,400
Singapore Gasoil Swap - Months 1vs Months 9+ (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 9+ (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 9+ (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 Mogas 92 Unleaded (Platts) BALMO Swap - All Months (MOGAS92 UNLEADED (PLTS) BLM FUT)								
1P	Spec		Increase	USD	1,100	1,000	1,540	1,400
1P	Hedge/Member		Increase	USD	1,000	1,000	1,400	1,400
Singapore Mogas 92 Unleaded (Platts) Swap - Consecutive (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Spec		Decrease	USD	935	850	715	650
1N	Hedge/Member		Decrease	USD	850	850	650	650
Singapore Mogas 92 Unleaded (Platts) Swap - Mth 1 vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Spec		Decrease	USD	1,980	1,800	1,430	1,300
1N	Hedge/Member		Decrease	USD	1,800	1,800	1,300	1,300
Singapore Mogas 92 Unleaded (Platts) Swap - Mth 1 vs Mths 2+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Spec		Decrease	USD	1,980	1,800	1,375	1,250
1N	Hedge/Member		Decrease	USD	1,800	1,800	1,250	1,250
Singapore Mogas 92 Unleaded (Platts) Swap - Mths 2 vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Spec		Decrease	USD	1,155	1,050	990	900
1N	Hedge/Member		Decrease	USD	1,050	1,050	900	900
Singapore Mogas 92 Unleaded (Platts) Swap - Mths 3+ vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Spec		Decrease	USD	880	800	770	700
1N	Hedge/Member		Decrease	USD	800	800	700	700

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						
BRENT CRUDE OIL VS DME OMAN/PLATTS DUBAI CRUDE OIL FUTURES (NY-DBR - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs OMAN CRUDE OIL (NY-OQ - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	New	+1:-1:+1:+1			99%	99%
SINGAPORE GASOIL (PLATTS) VS DME OMAN/PLATTS DUBAI CRACK SPREAD FUTURE (NY-DSG - CME) vs SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME) vs OMAN CRUDE OIL (NY-OQ - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	New	+1:-1:+1:+1			99%	99%
SINGAPORE GASOIL 0.05% (PLATTS) VS DME OMAN/PLATTS DUBAI CRUDE OIL CRACK SPREAD FUTURES (NY-DGH - CME) vs SINGAPORE GASOIL 500 PPM (PLATTS) FUTURES (NY-GHS - CME) vs OMAN CRUDE OIL (NY-OQ - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - C)						
Spread Credit Rate	New	+1:-1:+1:+1			99%	99%
CRUDE OIL SPREADS - Inter-commodity Spread Rates						
BRENT CRUDE OIL VS DME OMAN/PLATTS DUBAI CRUDE OIL FUTURES (NY-DBR - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs OMAN CRUDE OIL (NY-OQ - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	New	+1:-1:+1:+1			99%	99%
DME Products - Inter-commodity Spread Rates						
BRENT CRUDE OIL VS DME OMAN/PLATTS DUBAI CRUDE OIL FUTURES (NY-DBR - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs OMAN CRUDE OIL (NY-OQ - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	New	+1:-1:+1:+1			99%	99%
SINGAPORE GASOIL (PLATTS) VS DME OMAN/PLATTS DUBAI CRACK SPREAD FUTURE (NY-DSG - CME) vs SINGAPORE GASOIL (PLATTS) DUBAI (PLATTS) CRACK SPREAD FUTURES (NY-GDL - CME)						
Spread Credit Rate	New	+1:-1			30%	30%
SINGAPORE GASOIL (PLATTS) VS DME OMAN/PLATTS DUBAI CRACK SPREAD FUTURE (NY-DSG - CME) vs SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME) vs OMAN CRUDE OIL (NY-OQ - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	New	+1:-1:+1:+1			99%	99%
SINGAPORE GASOIL (PLATTS) VS DME OMAN/PLATTS DUBAI CRACK SPREAD FUTURE (NY-DSG - CME) vs SINGAPORE GASOIL 500 PPM (PLATTS) DUBAI (PLATTS) CRACK SPREAD FUTURES (NY-GDH - CME)						
Spread Credit Rate	New	+1:-1			30%	30%
SINGAPORE GASOIL 0.05% (PLATTS) VS DME OMAN/PLATTS DUBAI CRUDE OIL CRACK SPREAD FUTURES (NY-DGH - CME) vs SINGAPORE GASOIL (PLATTS) DUBAI (PLATTS) CRACK SPREAD FUTURES (NY-GDL - CME)						
Spread Credit Rate	New	+1:-1			30%	30%
SINGAPORE GASOIL 0.05% (PLATTS) VS DME OMAN/PLATTS DUBAI CRUDE OIL CRACK SPREAD FUTURES (NY-DGH - CME) vs SINGAPORE GASOIL 500 PPM (PLATTS) DUBAI (PLATTS) CRACK SPREAD FUTURES (NY-GDH - 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
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Inter-commodity Spread Rates

SINGAPORE GASOIL 0.05% (PLATTS) VS DME OMAN/PLATTS DUBAI CRUDE OIL CRACK SPREAD FUTURES (NY-DGH - CME) vs SINGAPORE GASOIL 500 PPM (PLATTS) FUTURES (NY-GHS - CME) vs OMAN CRUDE OIL (NY-OQ - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - C

Spread Credit Rate	New	+1:-1:+1:+1			99%	99%
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PETROLEUM CRACKS AND SPREADS - Inter-commodity Spread Rates

SINGAPORE GASOIL (PLATTS) VS DME OMAN/PLATTS DUBAI CRACK SPREAD FUTURE (NY-DSG - CME) vs SINGAPORE GASOIL (PLATTS) DUBAI (PLATTS) CRACK SPREAD FUTURES (NY-GDL - CME)

Spread Credit Rate	New	+1:-1			30%	30%
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SINGAPORE GASOIL (PLATTS) VS DME OMAN/PLATTS DUBAI CRACK SPREAD FUTURE (NY-DSG - CME) vs SINGAPORE GASOIL 500 PPM (PLATTS) DUBAI (PLATTS) CRACK SPREAD FUTURES (NY-GDH - CME)

Spread Credit Rate	New	+1:-1			30%	30%
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SINGAPORE GASOIL 0.05% (PLATTS) VS DME OMAN/PLATTS DUBAI CRUDE OIL CRACK SPREAD FUTURES (NY-DGH - CME) vs SINGAPORE GASOIL (PLATTS) DUBAI (PLATTS) CRACK SPREAD FUTURES (NY-GDL - CME)

Spread Credit Rate	New	+1:-1			30%	30%
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SINGAPORE GASOIL 0.05% (PLATTS) VS DME OMAN/PLATTS DUBAI CRUDE OIL CRACK SPREAD FUTURES (NY-DGH - CME) vs SINGAPORE GASOIL 500 PPM (PLATTS) DUBAI (PLATTS) CRACK SPREAD FUTURES (NY-GDH - CME)

Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%
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SINGAPORE GASOIL 500 PPM (PLATTS) DUBAI (PLATTS) CRACK SPREAD FUTURES (NY-GDH - CME) vs SINGAPORE GASOIL (PLATTS) DUBAI (PLATTS) CRACK SPREAD FUTURES (NY-GDL - CME)

Spread Credit Rate	New	+1:-1			80%	80%
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REFINED PRODUCTS - Inter-commodity Spread Rates

SINGAPORE GASOIL (PLATTS) VS DME OMAN/PLATTS DUBAI CRACK SPREAD FUTURE (NY-DSG - CME) vs SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME) vs OMAN CRUDE OIL (NY-OQ - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)

Spread Credit Rate	New	+1:-1:+1:+1			99%	99%
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SINGAPORE GASOIL 0.05% (PLATTS) VS DME OMAN/PLATTS DUBAI CRUDE OIL CRACK SPREAD FUTURES (NY-DGH - CME) vs SINGAPORE GASOIL 500 PPM (PLATTS) FUTURES (NY-GHS - CME) vs OMAN CRUDE OIL (NY-OQ - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - C

Spread Credit Rate	New	+1:-1:+1:+1			99%	99%
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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 Up (volScan) Rate – SPAN Scenarios 15/16 Volatility Up Shock						
CORN FUTURES (CME-C) - volScan						
Clearing Member Rate	Mnth 1	Increase		0%		24%
Clearing Member Rate	Mnth 2-5	Increase		0%		20%
Clearing Member Rate	Mnth 6+	Increase		0%		9%
KANSAS WHEAT FUTURES (CME-KCW) - volScan						
Clearing Member Rate	Mnth 1	Increase		0%		20%
Clearing Member Rate	Mnth 2-5	Increase		0%		16%
Clearing Member Rate	Mnth 6+	Increase		0%		10%
WHEAT FUTURES (CME-W) - volScan						
Clearing Member Rate	Mnth 1	Increase		0%		24%
Clearing Member Rate	Mnth 2-5	Increase		0%		20%
Clearing Member Rate	Mnth 6+	Increase		0%		12%
SOYBEAN FUTURES (CME-S) - volScan						
Clearing Member Rate	Mnth 1	Increase		0%		25%
Clearing Member Rate	Mnth 2-4	Increase		0%		15%
Clearing Member Rate	Mnth 5-6	Increase		0%		10%
Clearing Member Rate	Mnth 7+	Increase		0%		9%
SOYBEAN MEAL FUTURES (CME-06) - volScan						
Clearing Member Rate	Mnth 1	Increase		0%		22%
Clearing Member Rate	Mnth 2-4	Increase		0%		11%
Clearing Member Rate	Mnth 5+	Increase		0%		7%
SOYBEAN OIL FUTURES (CME-07) - volScan						
Clearing Member Rate	Mnth 1	Increase		0%		25%
Clearing Member Rate	Mnth 2-6	Increase		0%		10%
Clearing Member Rate	Mnth 7+	Increase		0%		8.5%
OATS FUTURES (CME-O) - volScan						
Clearing Member Rate	Mnth 1+	Increase		0%		13%
ROUGH RICE FUTURES (CME-14) - volScan						
Clearing Member Rate	Mnth 1+	Increase		0%		15%