



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

19-306

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Tuesday, September 17, 2019

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

Wednesday, September 18, 2019.

Current rates as of:

Tuesday, September 17, 2019.

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

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

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

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
AGRICULTURE - Outright Rates								
BLOOMBERG COMDITY INDEX FUT MARKER (AWI)								
AWI	Spec		Increase	USD	231	210	264	240
AWI	Hedge/Member		Increase	USD	210	210	240	240
BLOOMBERG COMMODITY INDEX FUTURES (70)								
70	Spec		Increase	USD	231	210	264	240
70	Hedge/Member		Increase	USD	210	210	240	240
BLOOMBERG ROLL SELECT COMM MARKER (DRI)								
DRI	Spec		Increase	USD	633	575	770	700
DRI	Hedge/Member		Increase	USD	575	575	700	700
BLOOMBERG ROLL SELECT COMMDTY INDEX (DRS)								
DRS	Spec		Increase	USD	633	575	770	700
DRS	Hedge/Member		Increase	USD	575	575	700	700
BTIC ON BLOOMBERG COMDITY INDEX FUT (AWT)								
AWT	Spec		Increase	USD	231	210	264	240
AWT	Hedge/Member		Increase	USD	210	210	240	240
BTIC ON BLOOMBERG ROLL SELECT INDEX (DRT)								
DRT	Spec		Increase	USD	633	575	770	700
DRT	Hedge/Member		Increase	USD	575	575	700	700
BTIC ON S&P-GSCI COMMODITY INDEX (GDT)								
GDT	Spec		Increase	USD	4,950	4,500	5,885	5,350
GDT	Hedge/Member		Increase	USD	4,500	4,500	5,350	5,350
BTIC ON S&P-GSCI EXCESS RETURN INDE (GIT)								
GIT	Spec		Increase	USD	990	900	1,210	1,100
GIT	Hedge/Member		Increase	USD	900	900	1,100	1,100
BTIC ON S&P-GSCI EXCESS RETURN INDE (SET)								
SET	Spec		Increase	USD	1,155	1,050	1,485	1,350
SET	Hedge/Member		Increase	USD	1,050	1,050	1,350	1,350
CASH CHEESE FUTURES (CSC)								
CSC	Spec	Mnth 1	Increase	USD	495	450	594	540
CSC	Hedge/Member	Mnth 1	Increase	USD	450	450	540	540
CSC	Spec	Mnths 2-4	Increase	USD	1,073	975	1,298	1,180
CSC	Hedge/Member	Mnths 2-4	Increase	USD	975	975	1,180	1,180
CSC	Spec	Mnths 5	Increase	USD	798	725	935	850
CSC	Hedge/Member	Mnths 5	Increase	USD	725	725	850	850

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CSC	Spec	Month 6	Increase	USD	688	625	798	725
CSC	Hedge/Member	Month 6	Increase	USD	625	625	725	725
CSC	Spec	Months 7+	Increase	USD	550	500	638	580
CSC	Hedge/Member	Months 7+	Increase	USD	500	500	580	580
CLASS III MILK FUTURES (DA)								
DA	Spec	Month 1	Increase	USD	495	450	583	530
DA	Hedge/Member	Month 1	Increase	USD	450	450	530	530
DA	Spec	Months 2-5	Increase	USD	1,045	950	1,265	1,150
DA	Hedge/Member	Months 2-5	Increase	USD	950	950	1,150	1,150
DA	Spec	Months 6-11	Increase	USD	743	675	836	760
DA	Hedge/Member	Months 6-11	Increase	USD	675	675	760	760
DA	Spec	Months 12+	Increase	USD	495	450	550	500
DA	Hedge/Member	Months 12+	Increase	USD	450	450	500	500
CME DRY WHEY FUTURES (DY)								
DY	Spec	Month 1	Increase	USD	688	625	798	725
DY	Hedge/Member	Month 1	Increase	USD	625	625	725	725
GSCI ER FUTURES (GA)								
GA	Spec		Increase	USD	990	900	1,210	1,100
GA	Hedge/Member		Increase	USD	900	900	1,100	1,100
GSCI-ER 3 MTH FOWARD INX SWPS (SE3)								
SE3	Spec		Increase	USD	990	900	1,210	1,100
SE3	Hedge/Member		Increase	USD	900	900	1,100	1,100
MLK MID FUTURES (JQ)								
JQ	Spec	Month 1	Increase	USD	248	225	292	265
JQ	Hedge/Member	Month 1	Increase	USD	225	225	265	265
JQ	Spec	Months 2-5	Increase	USD	523	475	633	575
JQ	Hedge/Member	Months 2-5	Increase	USD	475	475	575	575
JQ	Spec	Months 6-11	Increase	USD	371	338	418	380
JQ	Hedge/Member	Months 6-11	Increase	USD	338	338	380	380
JQ	Spec	Months 12+	Increase	USD	248	225	275	250
JQ	Hedge/Member	Months 12+	Increase	USD	225	225	250	250
S&P GSCI ENHANCED ER SWAP FUT (RRE)								
RRE	Spec		Increase	USD	1,210	1,100	1,485	1,350
RRE	Hedge/Member		Increase	USD	1,100	1,100	1,350	1,350
S&P-GSCI COMMODITY INDEX FUTURE (GI)								
GI	Spec		Increase	USD	4,950	4,500	5,885	5,350
GI	Hedge/Member		Increase	USD	4,500	4,500	5,350	5,350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
S&P-GSCI COMMODITY INDEX MARKER (GDM)								
GDM	Spec		Increase	USD	4,950	4,500	5,885	5,350
GDM	Hedge/Member		Increase	USD	4,500	4,500	5,350	5,350
S&P-GSCI EXCESS RETURN INDEX FUTURE (GII)								
GII	Spec		Increase	USD	990	900	1,210	1,100
GII	Hedge/Member		Increase	USD	900	900	1,100	1,100
S&P-GSCI EXCESS RETURN INDEX SWAPS (SEI)								
SEI	Spec		Increase	USD	1,155	1,050	1,485	1,350
SEI	Hedge/Member		Increase	USD	1,050	1,050	1,350	1,350
SP GSCI SWAP FUTURES (SES)								
SES	Spec		Increase	USD	1,155	1,050	1,485	1,350
SES	Hedge/Member		Increase	USD	1,050	1,050	1,350	1,350
SP GSCI-ER 2 MTH FOWARD INX SWP (SE2)								
SE2	Spec		Increase	USD	990	900	1,210	1,100
SE2	Hedge/Member		Increase	USD	900	900	1,100	1,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Outright Rates

CRUDE OIL SPREADS - Outright Rates

ARGUS LLS VS. WTI (ARG) TRD M (E5)

E5	Spec	Mnth 1	Increase	USD	935	850	1,018	925
E5	Hedge/Member	Mnth 1	Increase	USD	850	850	925	925

DATED TO FRONTLINE BRENT CLNDR FUT (FY)

FY	Spec	Mnth 1	Increase	USD	385	350	440	400
FY	Hedge/Member	Mnth 1	Increase	USD	350	350	400	400
FY	Spec	Mnths 2 - 3	Increase	USD	264	240	330	300
FY	Hedge/Member	Mnths 2 - 3	Increase	USD	240	240	300	300
FY	Spec	Mnths 4+	Increase	USD	154	140	220	200
FY	Hedge/Member	Mnths 4+	Increase	USD	140	140	200	200

ICE BRENT DUBAI FUT (DB)

DB	Spec	Mnth 1	Increase	USD	539	490	594	540
DB	Hedge/Member	Mnth 1	Increase	USD	490	490	540	540
DB	Spec	Mnth 2	Increase	USD	462	420	517	470
DB	Hedge/Member	Mnth 2	Increase	USD	420	420	470	470
DB	Spec	Mnths 3-8	Increase	USD	385	350	440	400
DB	Hedge/Member	Mnths 3-8	Increase	USD	350	350	400	400
DB	Spec	Mnths 9+	Increase	USD	358	325	396	360
DB	Hedge/Member	Mnths 9+	Increase	USD	325	325	360	360

MARS (ARGUS) V WTI FUT (YX)

YX	Spec	Mnth 1	Increase	USD	990	900	1,320	1,200
YX	Hedge/Member	Mnth 1	Increase	USD	900	900	1,200	1,200
YX	Spec	Mnths 2-7	Increase	USD	715	650	880	800
YX	Hedge/Member	Mnths 2-7	Increase	USD	650	650	800	800

MARS (ARGUS) V WTI TRD MTH FUT (YV)

YV	Spec	Mnth 1	Increase	USD	990	900	1,320	1,200
YV	Hedge/Member	Mnth 1	Increase	USD	900	900	1,200	1,200
YV	Spec	Mnths 2-7	Increase	USD	715	650	880	800
YV	Hedge/Member	Mnths 2-7	Increase	USD	650	650	800	800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Outright Rates

DME Products - Outright Rates

BRENT CRUDE VS DUBAI CRUDE (DBI)

DBI	Spec	Mnth 1	Increase	USD	539	490	594	540
DBI	Hedge/Member	Mnth 1	Increase	USD	490	490	540	540
DBI	Spec	Mnth 2	Increase	USD	462	420	517	470
DBI	Hedge/Member	Mnth 2	Increase	USD	420	420	470	470
DBI	Spec	Mnths 3-8	Increase	USD	385	350	440	400
DBI	Hedge/Member	Mnths 3-8	Increase	USD	350	350	400	400
DBI	Spec	Mnths 9+	Increase	USD	358	325	396	360
DBI	Hedge/Member	Mnths 9+	Increase	USD	325	325	360	360

SINGAPORE FUEL OIL 380CST PLATT FUT (DSE)

DSE	Spec	Mnth 1	Increase	USD	40,700	37,000	48,950	44,500
DSE	Hedge/Member	Mnth 1	Increase	USD	37,000	37,000	44,500	44,500
DSE	Spec	Mnths 2	Increase	USD	34,650	31,500	44,000	40,000
DSE	Hedge/Member	Mnths 2	Increase	USD	31,500	31,500	40,000	40,000
DSE	Spec	Mnths 3-13	Increase	USD	29,150	26,500	35,750	32,500
DSE	Hedge/Member	Mnths 3-13	Increase	USD	26,500	26,500	32,500	32,500
DSE	Spec	Months 14+	Increase	USD	26,400	24,000	30,800	28,000
DSE	Hedge/Member	Months 14+	Increase	USD	24,000	24,000	28,000	28,000

SINGAPORE FUEL OIL 180CST PLATTS FUT (DUP)

DUP	Spec	Mnth 1	Increase	USD	41,800	38,000	48,950	44,500
DUP	Hedge/Member	Mnth 1	Increase	USD	38,000	38,000	44,500	44,500
DUP	Spec	Mnth 2	Increase	USD	40,700	37,000	47,850	43,500
DUP	Hedge/Member	Mnth 2	Increase	USD	37,000	37,000	43,500	43,500
DUP	Spec	Mnths 3-7	Increase	USD	35,200	32,000	42,350	38,500
DUP	Hedge/Member	Mnths 3-7	Increase	USD	32,000	32,000	38,500	38,500
DUP	Spec	Mnths 8+	Increase	USD	30,250	27,500	36,850	33,500
DUP	Hedge/Member	Mnths 8+	Increase	USD	27,500	27,500	33,500	33,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Outright Rates

NATURAL GAS - Outright Rates

DUTCH TTF NATURAL GAS CAL MONTH FUT (TTF)

TTF	Spec	Mnths 10+	Increase	EUR	743	675	825	750
TTF	Hedge/Member	Mnths 10+	Increase	EUR	675	675	750	750

LNG JAPAN KOREA MARKER PLATTS FUT (JKM)

JKM	Spec	Month 1	Increase	USD	4,510	4,100	5,500	5,000
JKM	Hedge/Member	Month 1	Increase	USD	4,100	4,100	5,000	5,000
JKM	Spec	Month 2	Increase	USD	4,510	4,100	5,500	5,000
JKM	Hedge/Member	Month 2	Increase	USD	4,100	4,100	5,000	5,000
JKM	Spec	Month 3-5	Increase	USD	4,180	3,800	5,170	4,700
JKM	Hedge/Member	Month 3-5	Increase	USD	3,800	3,800	4,700	4,700
JKM	Spec	Mnths 6+	Increase	USD	4,015	3,650	4,675	4,250
JKM	Hedge/Member	Mnths 6+	Increase	USD	3,650	3,650	4,250	4,250

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

ARGUS PROPAN FAR EST INDEX FUT (7E)

7E	Spec	Mnth 1	Increase	USD	37,400	34,000	47,300	43,000
7E	Hedge/Member	Mnth 1	Increase	USD	34,000	34,000	43,000	43,000
7E	Spec	Mnth 2	Increase	USD	37,400	34,000	47,300	43,000
7E	Hedge/Member	Mnth 2	Increase	USD	34,000	34,000	43,000	43,000
7E	Spec	Mnths 3-4	Increase	USD	35,200	32,000	45,100	41,000
7E	Hedge/Member	Mnths 3-4	Increase	USD	32,000	32,000	41,000	41,000
7E	Spec	Months 5-7	Increase	USD	33,000	30,000	42,900	39,000
7E	Hedge/Member	Months 5-7	Increase	USD	30,000	30,000	39,000	39,000
7E	Spec	Months 8+	Increase	USD	33,000	30,000	42,900	39,000
7E	Hedge/Member	Months 8+	Increase	USD	30,000	30,000	39,000	39,000

ARGUS PROPAN(SAUDI ARAMCO) FUT (9N)

9N	Spec	Mnth 1	Increase	USD	42,900	39,000	49,500	45,000
9N	Hedge/Member	Mnth 1	Increase	USD	39,000	39,000	45,000	45,000
9N	Spec	Mnths 2-3	Increase	USD	42,900	39,000	49,500	45,000
9N	Hedge/Member	Mnths 2-3	Increase	USD	39,000	39,000	45,000	45,000
9N	Spec	Mnths 4+	Increase	USD	42,350	38,500	48,400	44,000
9N	Hedge/Member	Mnths 4+	Increase	USD	38,500	38,500	44,000	44,000

ARGUS PRPNE FAR EAST INDX BALMO FUT (22)

22	Spec	Tier 3	Increase	USD	46,750	42,500	59,125	53,750
22	Hedge/Member	Tier 3	Increase	USD	42,500	42,500	53,750	53,750
22	Spec	Tier 2	Increase	USD	46,750	42,500	59,125	53,750
22	Hedge/Member	Tier 2	Increase	USD	42,500	42,500	53,750	53,750
22	Spec	Tier 1	Increase	USD	46,750	42,500	59,125	53,750
22	Hedge/Member	Tier 1	Increase	USD	42,500	42,500	53,750	53,750

CONWAY NAT GASOLINE FUT (8L)

8L	Spec		Increase	USD	4,950	4,500	6,600	6,000
8L	Hedge/Member		Increase	USD	4,500	4,500	6,000	6,000

CONWAY NAT GSOLINE (OPIS) BALMO (CGB)

CGB	Spec		Increase	USD	6,188	5,625	8,250	7,500
CGB	Hedge/Member		Increase	USD	5,625	5,625	7,500	7,500

CONWAY NORMAL BUTANE (OPIS) BALMO (CBB)

CBB	Spec		Increase	USD	4,125	3,750	4,950	4,500
CBB	Hedge/Member		Increase	USD	3,750	3,750	4,500	4,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CONWAY NORMAL BUTANE FUT (8M)								
8M	Spec	Mnth 1	Increase	USD	3,300	3,000	3,960	3,600
8M	Hedge/Member	Mnth 1	Increase	USD	3,000	3,000	3,600	3,600
8M	Spec	Mnth 2+	Increase	USD	2,970	2,700	3,630	3,300
8M	Hedge/Member	Mnth 2+	Increase	USD	2,700	2,700	3,300	3,300
CONWAY PROPANE 5 DEC. FUT (8K)								
8K	Spec	Mth 1	Increase	USD	2,750	2,500	3,190	2,900
8K	Hedge/Member	Mth 1	Increase	USD	2,500	2,500	2,900	2,900
8K	Spec	Mth 2	Increase	USD	2,640	2,400	3,080	2,800
8K	Hedge/Member	Mth 2	Increase	USD	2,400	2,400	2,800	2,800
8K	Spec	Mth 3	Increase	USD	2,640	2,400	3,080	2,800
8K	Hedge/Member	Mth 3	Increase	USD	2,400	2,400	2,800	2,800
8K	Spec	Mths 4-11	Increase	USD	2,420	2,200	2,860	2,600
8K	Hedge/Member	Mths 4-11	Increase	USD	2,200	2,200	2,600	2,600
8K	Spec	Mths 12-24	Increase	USD	2,310	2,100	2,750	2,500
8K	Hedge/Member	Mths 12-24	Increase	USD	2,100	2,100	2,500	2,500
8K	Spec	Mnths 25+	Increase	USD	2,310	2,100	2,750	2,500
8K	Hedge/Member	Mnths 25+	Increase	USD	2,100	2,100	2,500	2,500
CONWAY PROPNE (OPIS) BALMO FUT (CPB)								
CPB	Spec	Tier 3	Increase	USD	3,300	3,000	3,850	3,500
CPB	Hedge/Member	Tier 3	Increase	USD	3,000	3,000	3,500	3,500
CPB	Spec	Tier 1	Increase	USD	3,438	3,125	3,988	3,625
CPB	Hedge/Member	Tier 1	Increase	USD	3,125	3,125	3,625	3,625
CPB	Spec	Tier 2	Increase	USD	3,300	3,000	3,850	3,500
CPB	Hedge/Member	Tier 2	Increase	USD	3,000	3,000	3,500	3,500
EURO PROPANE CIF ARA FUT (PS)								
PS	Spec	Mnth 1	Increase	USD	39,600	36,000	46,200	42,000
PS	Hedge/Member	Mnth 1	Increase	USD	36,000	36,000	42,000	42,000
PS	Spec	Mths 2	Increase	USD	39,600	36,000	46,200	42,000
PS	Hedge/Member	Mths 2	Increase	USD	36,000	36,000	42,000	42,000
PS	Spec	Mths 3-4	Increase	USD	39,600	36,000	46,200	42,000
PS	Hedge/Member	Mths 3-4	Increase	USD	36,000	36,000	42,000	42,000
PS	Spec	Mnths 5+	Increase	USD	38,500	35,000	44,000	40,000
PS	Hedge/Member	Mnths 5+	Increase	USD	35,000	35,000	40,000	40,000
EURO PROPNE CIFARA ARGUS BALMO FUT (32)								
32	Spec		Increase	USD	49,500	45,000	57,750	52,500
32	Hedge/Member		Increase	USD	45,000	45,000	52,500	52,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MIN ARGUS PROPANE SAUDI ARAMCO FUT (MAS)								
MAS	Spec	Mnth 1	Increase	USD	4,290	3,900	4,950	4,500
MAS	Hedge/Member	Mnth 1	Increase	USD	3,900	3,900	4,500	4,500
MAS	Spec	Mnths 2-3	Increase	USD	4,290	3,900	4,950	4,500
MAS	Hedge/Member	Mnths 2-3	Increase	USD	3,900	3,900	4,500	4,500
MAS	Spec	Mnths 4+	Increase	USD	4,235	3,850	4,840	4,400
MAS	Hedge/Member	Mnths 4+	Increase	USD	3,850	3,850	4,400	4,400
MINI ARGUS PROPANE FAR EAST IDX (MAE)								
MAE	Spec	Mnth 1	Increase	USD	3,740	3,400	4,730	4,300
MAE	Hedge/Member	Mnth 1	Increase	USD	3,400	3,400	4,300	4,300
MAE	Spec	Mnth 2	Increase	USD	3,740	3,400	4,730	4,300
MAE	Hedge/Member	Mnth 2	Increase	USD	3,400	3,400	4,300	4,300
MAE	Spec	Mnths 3-4	Increase	USD	3,520	3,200	4,510	4,100
MAE	Hedge/Member	Mnths 3-4	Increase	USD	3,200	3,200	4,100	4,100
MAE	Spec	Months 5-7	Increase	USD	3,300	3,000	4,290	3,900
MAE	Hedge/Member	Months 5-7	Increase	USD	3,000	3,000	3,900	3,900
MAE	Spec	Months 8+	Increase	USD	3,300	3,000	4,290	3,900
MAE	Hedge/Member	Months 8+	Increase	USD	3,000	3,000	3,900	3,900
MINI EURO PROPANE CIF ARA ARGUS FUT (MPS)								
MPS	Spec	Mnth 1	Increase	USD	3,960	3,600	4,620	4,200
MPS	Hedge/Member	Mnth 1	Increase	USD	3,600	3,600	4,200	4,200
MPS	Spec	Mths 2	Increase	USD	3,960	3,600	4,620	4,200
MPS	Hedge/Member	Mths 2	Increase	USD	3,600	3,600	4,200	4,200
MPS	Spec	Mths 3-4	Increase	USD	3,960	3,600	4,620	4,200
MPS	Hedge/Member	Mths 3-4	Increase	USD	3,600	3,600	4,200	4,200
MPS	Spec	Mnths 5+	Increase	USD	3,850	3,500	4,400	4,000
MPS	Hedge/Member	Mnths 5+	Increase	USD	3,500	3,500	4,000	4,000
MONT BELVIEU ETHYLENE FIN BALMO FUT (MBB)								
MBB	Spec		Increase	USD	3,300	3,000	3,713	3,375
MBB	Hedge/Member		Increase	USD	3,000	3,000	3,375	3,375
MONT BELVIEU NAT GAS (OPIS) FUT (W3)								
W3	Spec	Mnth 1	Increase	USD	4,400	4,000	5,500	5,000
W3	Hedge/Member	Mnth 1	Increase	USD	4,000	4,000	5,000	5,000
W3	Spec	Mnths 2	Increase	USD	4,290	3,900	5,335	4,850
W3	Hedge/Member	Mnths 2	Increase	USD	3,900	3,900	4,850	4,850
W3	Spec	Mnth 3+	Increase	USD	4,180	3,800	5,170	4,700
W3	Hedge/Member	Mnth 3+	Increase	USD	3,800	3,800	4,700	4,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MT BELVIEU LDH PROPANE BALMO (8O)								
8O	Spec		Increase	USD	3,575	3,250	4,400	4,000
8O	Hedge/Member		Increase	USD	3,250	3,250	4,000	4,000
MT BELVIEU NAT GASOLINE BALMO (R0)								
R0	Spec		Increase	USD	5,500	5,000	6,875	6,250
R0	Hedge/Member		Increase	USD	5,000	5,000	6,250	6,250
MT BELVIEU NORMAL BUTANE BALM (8J)								
8J	Spec		Increase	USD	4,400	4,000	4,510	4,100
8J	Hedge/Member		Increase	USD	4,000	4,000	4,100	4,100
MT BELVIEU ETHYLENE IN-WELL(PCW) (MBE)								
MBE	Spec	Month 1	Increase	USD	2,640	2,400	3,080	2,800
MBE	Hedge/Member	Month 1	Increase	USD	2,400	2,400	2,800	2,800
MBE	Spec	Months 2+	Increase	USD	2,530	2,300	2,970	2,700
MBE	Hedge/Member	Months 2+	Increase	USD	2,300	2,300	2,700	2,700
MT BELVIEU ISO BUTANE 5 DEC. S (8I)								
8I	Spec	Mnth 1	Increase	USD	3,850	3,500	4,950	4,500
8I	Hedge/Member	Mnth 1	Increase	USD	3,500	3,500	4,500	4,500
8I	Spec	Mnths 2	Increase	USD	3,300	3,000	4,290	3,900
8I	Hedge/Member	Mnths 2	Increase	USD	3,000	3,000	3,900	3,900
8I	Spec	Mnths 5+	Increase	USD	2,530	2,300	3,740	3,400
8I	Hedge/Member	Mnths 5+	Increase	USD	2,300	2,300	3,400	3,400
8I	Spec	Mnth 3-4	Increase	USD	2,860	2,600	3,080	2,800
8I	Hedge/Member	Mnth 3-4	Increase	USD	2,600	2,600	2,800	2,800
MT BELVIEU LDH ISO-BUTANE(OPIS) FUT (MBL)								
MBL	Spec	Mnth1	Increase	USD	3,300	3,000	4,070	3,700
MBL	Hedge/Member	Mnth1	Increase	USD	3,000	3,000	3,700	3,700
MBL	Spec	Mnth2	Increase	USD	3,080	2,800	3,850	3,500
MBL	Hedge/Member	Mnth2	Increase	USD	2,800	2,800	3,500	3,500
MBL	Spec	Mnth3+	Increase	USD	2,530	2,300	3,300	3,000
MBL	Hedge/Member	Mnth3+	Increase	USD	2,300	2,300	3,000	3,000
MT BELVIEU NAT GAS 5 D. OPIS (7Q)								
7Q	Spec	Mnth 1	Increase	USD	4,400	4,000	5,500	5,000
7Q	Hedge/Member	Mnth 1	Increase	USD	4,000	4,000	5,000	5,000
7Q	Spec	Mnths 2	Increase	USD	4,290	3,900	5,335	4,850
7Q	Hedge/Member	Mnths 2	Increase	USD	3,900	3,900	4,850	4,850
7Q	Spec	Mnth 3+	Increase	USD	4,180	3,800	5,170	4,700
7Q	Hedge/Member	Mnth 3+	Increase	USD	3,800	3,800	4,700	4,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MT BELVIEU NORMAL BUTANE LDH(OPIS) (MNB)								
MNB	Spec	Mnth 1	Increase	USD	3,520	3,200	4,620	4,200
MNB	Hedge/Member	Mnth 1	Increase	USD	3,200	3,200	4,200	4,200
MNB	Spec	Mnth 2	Increase	USD	3,300	3,000	4,400	4,000
MNB	Hedge/Member	Mnth 2	Increase	USD	3,000	3,000	4,000	4,000
MNB	Spec	Mnth 3+	Increase	USD	3,080	2,800	4,070	3,700
MNB	Hedge/Member	Mnth 3+	Increase	USD	2,800	2,800	3,700	3,700
MT. BELVIEU ETHYLENE(PCW) FIN FUT (MBN)								
MBN	Spec	Mnth 1	Increase	USD	2,640	2,400	2,970	2,700
MBN	Hedge/Member	Mnth 1	Increase	USD	2,400	2,400	2,700	2,700
MBN	Spec	Mnths 2+	Increase	USD	2,640	2,400	2,970	2,700
MBN	Hedge/Member	Mnths 2+	Increase	USD	2,400	2,400	2,700	2,700
MT. BELVIEU NAT GAS (OPIS) BLM (V5)								
V5	Spec		Increase	USD	5,500	5,000	6,875	6,250
V5	Hedge/Member		Increase	USD	5,000	5,000	6,250	6,250
MT. BELVIEU PROPANE (OPIS) BLM (V6)								
V6	Spec		Increase	USD	3,575	3,250	4,400	4,000
V6	Hedge/Member		Increase	USD	3,250	3,250	4,000	4,000
PGP POLYMER GRD PROPYLENE CAL FUT (PGP)								
PGP	Spec	Mth 1	Increase	USD	3,520	3,200	4,070	3,700
PGP	Hedge/Member	Mth 1	Increase	USD	3,200	3,200	3,700	3,700
PGP	Spec	Mth 2+	Increase	USD	3,300	3,000	3,850	3,500
PGP	Hedge/Member	Mth 2+	Increase	USD	3,000	3,000	3,500	3,500
PROPANE NON LDH MT BELVIEU (1R)								
1R	Spec	Mth 1	Increase	USD	2,420	2,200	3,080	2,800
1R	Hedge/Member	Mth 1	Increase	USD	2,200	2,200	2,800	2,800
1R	Spec	Mth 2	Increase	USD	2,420	2,200	3,080	2,800
1R	Hedge/Member	Mth 2	Increase	USD	2,200	2,200	2,800	2,800
1R	Spec	Mnth 3-9	Increase	USD	2,200	2,000	2,750	2,500
1R	Hedge/Member	Mnth 3-9	Increase	USD	2,000	2,000	2,500	2,500
1R	Spec	Mnth 10+	Increase	USD	1,980	1,800	2,420	2,200
1R	Hedge/Member	Mnth 10+	Increase	USD	1,800	1,800	2,200	2,200
PROPANE NON LDH MT BLV BALMO (1S)								
1S	Spec		Increase	USD	3,025	2,750	3,850	3,500
1S	Hedge/Member		Increase	USD	2,750	2,750	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								
PETROLEUM CRACKS AND SPREADS - Outright Rates								
ARGS PRPANE FR EST VS EURO CIF ARA (91)								
91	Spec	Mths 2-3	Increase	USD	10,450	9,500	12,100	11,000
91	Hedge/Member	Mths 2-3	Increase	USD	9,500	9,500	11,000	11,000
91	Spec	Mths 4+	Increase	USD	7,700	7,000	8,800	8,000
91	Hedge/Member	Mths 4+	Increase	USD	7,000	7,000	8,000	8,000
EAST/WEST FUEL OIL SPREAD FUT (EW)								
EW	Spec	Mth 1	Increase	USD	15,400	14,000	18,150	16,500
EW	Hedge/Member	Mth 1	Increase	USD	14,000	14,000	16,500	16,500
EW	Spec	Mnths 10+	Increase	USD	2,200	2,000	2,640	2,400
EW	Hedge/Member	Mnths 10+	Increase	USD	2,000	2,000	2,400	2,400
EURO 3.5% FUEL OIL SPREAD (FK)								
FK	Spec	Mnth 1	Increase	USD	5,225	4,750	6,710	6,100
FK	Hedge/Member	Mnth 1	Increase	USD	4,750	4,750	6,100	6,100
FK	Spec	Mnth 2-3	Increase	USD	2,090	1,900	2,530	2,300
FK	Hedge/Member	Mnth 2-3	Increase	USD	1,900	1,900	2,300	2,300
FUELOIL FUT:CARGOES VS.BARGES (FS)								
FS	Spec	Mnth 1	Increase	USD	11,550	10,500	14,520	13,200
FS	Hedge/Member	Mnth 1	Increase	USD	10,500	10,500	13,200	13,200
FS	Spec	Mnth 2	Increase	USD	8,800	8,000	11,000	10,000
FS	Hedge/Member	Mnth 2	Increase	USD	8,000	8,000	10,000	10,000
FS	Spec	Mnths 3-8	Increase	USD	8,800	8,000	9,900	9,000
FS	Hedge/Member	Mnths 3-8	Increase	USD	8,000	8,000	9,000	9,000
JET CIF NWE VS ICE (JC)								
JC	Spec	Mnth 1	Increase	USD	5,500	5,000	6,380	5,800
JC	Hedge/Member	Mnth 1	Increase	USD	5,000	5,000	5,800	5,800
JC	Spec	Mnth 2	Increase	USD	3,850	3,500	4,235	3,850
JC	Hedge/Member	Mnth 2	Increase	USD	3,500	3,500	3,850	3,850
JC	Spec	Mnths 3-6	Increase	USD	2,860	2,600	3,300	3,000
JC	Hedge/Member	Mnths 3-6	Increase	USD	2,600	2,600	3,000	3,000
JC	Spec	Mnths 7+	Increase	USD	2,035	1,850	2,365	2,150
JC	Hedge/Member	Mnths 7+	Increase	USD	1,850	1,850	2,150	2,150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MIN JETKERO CRGOS CIF NWE VS GASOIL (MJC)								
MJC	Spec	Mnth 1	Increase	USD	550	500	638	580
MJC	Hedge/Member	Mnth 1	Increase	USD	500	500	580	580
MJC	Spec	Mnth 2	Increase	USD	385	350	424	385
MJC	Hedge/Member	Mnth 2	Increase	USD	350	350	385	385
MJC	Spec	Mnths 3-6	Increase	USD	286	260	330	300
MJC	Hedge/Member	Mnths 3-6	Increase	USD	260	260	300	300
MJC	Spec	Mnths 7+	Increase	USD	204	185	237	215
MJC	Hedge/Member	Mnths 7+	Increase	USD	185	185	215	215
MINI EAST-WEST FUEL OIL FUTURES (MEW)								
MEW	Spec	Mth 1	Increase	USD	1,540	1,400	1,815	1,650
MEW	Hedge/Member	Mth 1	Increase	USD	1,400	1,400	1,650	1,650
MEW	Spec	Mnths 10+	Increase	USD	220	200	264	240
MEW	Hedge/Member	Mnths 10+	Increase	USD	200	200	240	240
NY1%FO V. GULF COAST HSFO FUT (VR)								
VR	Spec	Mnth 1	Increase	USD	2,750	2,500	3,410	3,100
VR	Hedge/Member	Mnth 1	Increase	USD	2,500	2,500	3,100	3,100
SINGAPORE JET KERO GASOIL FUT (RK)								
RK	Spec	Mnth 3+	Increase	USD	303	275	358	325
RK	Hedge/Member	Mnth 3+	Increase	USD	275	275	325	325
SPORE FUEL OIL 180CST 6.35 CK (STR)								
STR	Spec		Increase	USD	3,300	3,000	3,850	3,500
STR	Hedge/Member		Increase	USD	3,000	3,000	3,500	3,500
SPORE FUEL OIL 180CST 6.35 DUBAI CK (STS)								
STS	Spec	Mnth 1	Increase	USD	4,070	3,700	4,620	4,200
STS	Hedge/Member	Mnth 1	Increase	USD	3,700	3,700	4,200	4,200
STS	Spec	Mnths 2+	Increase	USD	2,805	2,550	3,300	3,000
STS	Hedge/Member	Mnths 2+	Increase	USD	2,550	2,550	3,000	3,000
SPORE MOGS95 UNLDED VS SPORE 92 UNL (SMU)								
SMU	Spec		Increase	USD	385	350	451	410
SMU	Hedge/Member		Increase	USD	350	350	410	410

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
REFINED PRODUCTS - Outright Rates								
1% FUEL OIL (PLT) CARG CIF MED (1W)								
1W	Spec	Mth 1	Increase	USD	34,100	31,000	41,800	38,000
1W	Hedge/Member	Mth 1	Increase	USD	31,000	31,000	38,000	38,000
1W	Spec	Mths 2+	Increase	USD	30,800	28,000	38,500	35,000
1W	Hedge/Member	Mths 2+	Increase	USD	28,000	28,000	35,000	35,000
EIA FLAT TAX ONHWAY DIESEL FUT (A5)								
A5	Spec	Mnths 2-6	Increase	USD	5,060	4,600	6,600	6,000
A5	Hedge/Member	Mnths 2-6	Increase	USD	4,600	4,600	6,000	6,000
A5	Spec	Mnths 7+	Increase	USD	4,840	4,400	6,270	5,700
A5	Hedge/Member	Mnths 7+	Increase	USD	4,400	4,400	5,700	5,700
EIA FLAT TAX US RETAIL GASOLINE FUT (JE)								
JE	Spec	Month 1	Increase	USD	5,280	4,800	5,720	5,200
JE	Hedge/Member	Month 1	Increase	USD	4,800	4,800	5,200	5,200
JE	Spec	Mths 2-7	Increase	USD	4,950	4,500	5,720	5,200
JE	Hedge/Member	Mths 2-7	Increase	USD	4,500	4,500	5,200	5,200
JE	Spec	Mths 8+	Increase	USD	4,730	4,300	5,225	4,750
JE	Hedge/Member	Mths 8+	Increase	USD	4,300	4,300	4,750	4,750
EUROPE 1% FUEL OIL NWE CALFUT (UF)								
UF	Spec	Mnth 1	Increase	USD	40,700	37,000	45,650	41,500
UF	Hedge/Member	Mnth 1	Increase	USD	37,000	37,000	41,500	41,500
UF	Spec	Mnths 2-6	Increase	USD	37,400	34,000	42,900	39,000
UF	Hedge/Member	Mnths 2-6	Increase	USD	34,000	34,000	39,000	39,000
EUROPE 1% FUEL OIL RDAM CALFUT (UH)								
UH	Spec	Mnth 1	Increase	USD	30,800	28,000	38,500	35,000
UH	Hedge/Member	Mnth 1	Increase	USD	28,000	28,000	35,000	35,000
UH	Spec	Mnth 2	Increase	USD	30,800	28,000	38,500	35,000
UH	Hedge/Member	Mnth 2	Increase	USD	28,000	28,000	35,000	35,000
UH	Spec	Mnths 3-7	Increase	USD	28,050	25,500	36,300	33,000
UH	Hedge/Member	Mnths 3-7	Increase	USD	25,500	25,500	33,000	33,000
UH	Spec	Mnths 8+	Increase	USD	22,275	20,250	29,150	26,500
UH	Hedge/Member	Mnths 8+	Increase	USD	20,250	20,250	26,500	26,500
EUROPE 3.5% FUEL OIL MED CALFUT (UI)								
UI	Spec		Increase	USD	38,500	35,000	44,000	40,000
UI	Hedge/Member		Increase	USD	35,000	35,000	40,000	40,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EUROPEAN FOB RDAM MARINE FUEL 0.5% (R5F)								
R5F	Spec	Month 1	Increase	USD	35,200	32,000	44,000	40,000
R5F	Hedge/Member	Month 1	Increase	USD	32,000	32,000	40,000	40,000
R5F	Spec	Month 2	Increase	USD	33,000	30,000	41,800	38,000
R5F	Hedge/Member	Month 2	Increase	USD	30,000	30,000	38,000	38,000
R5F	Spec	Month 3+	Increase	USD	31,900	29,000	40,700	37,000
R5F	Hedge/Member	Month 3+	Increase	USD	29,000	29,000	37,000	37,000
GROUP THREE SUB-OCT GAS (PLATTS) (A9)								
A9	Spec		Increase	USD	5,170	4,700	6,160	5,600
A9	Hedge/Member		Increase	USD	4,700	4,700	5,600	5,600
GROUP THREE ULSD (PLATTS) FUT (A7)								
A7	Spec	Mnth 1	Increase	USD	5,060	4,600	6,270	5,700
A7	Hedge/Member	Mnth 1	Increase	USD	4,600	4,600	5,700	5,700
A7	Spec	Mnths 2-6	Increase	USD	5,060	4,600	6,270	5,700
A7	Hedge/Member	Mnths 2-6	Increase	USD	4,600	4,600	5,700	5,700
A7	Spec	Mnths 7+	Increase	USD	4,400	4,000	5,610	5,100
A7	Hedge/Member	Mnths 7+	Increase	USD	4,000	4,000	5,100	5,100
GULF COAST JET FUEL CLNDR FUT (GE)								
GE	Spec	Mnth 1	Increase	USD	5,665	5,150	7,150	6,500
GE	Hedge/Member	Mnth 1	Increase	USD	5,150	5,150	6,500	6,500
GE	Spec	Mnths 2-6	Increase	USD	5,280	4,800	6,160	5,600
GE	Hedge/Member	Mnths 2-6	Increase	USD	4,800	4,800	5,600	5,600
GE	Spec	Mnths 7+	Increase	USD	4,950	4,500	5,500	5,000
GE	Hedge/Member	Mnths 7+	Increase	USD	4,500	4,500	5,000	5,000
JAPAN C&F NAPHTHA FUT (JA)								
JA	Spec	Mnth 1	Increase	USD	40,150	36,500	49,500	45,000
JA	Hedge/Member	Mnth 1	Increase	USD	36,500	36,500	45,000	45,000
JA	Spec	Mnths 2-6	Increase	USD	40,150	36,500	49,500	45,000
JA	Hedge/Member	Mnths 2-6	Increase	USD	36,500	36,500	45,000	45,000
JA	Spec	Mnths 7+	Increase	USD	36,850	33,500	46,200	42,000
JA	Hedge/Member	Mnths 7+	Increase	USD	33,500	33,500	42,000	42,000
MICRO EURO 3.5% FO CAR MED PLATTS (M35)								
M35	Spec		Increase	USD	385	350	440	400
M35	Hedge/Member		Increase	USD	350	350	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MICRO EURO MARINE 0.5% FO BARGES (R50)								
R50	Spec	Month 1	Increase	USD	352	320	440	400
R50	Hedge/Member	Month 1	Increase	USD	320	320	400	400
R50	Spec	Month 2	Increase	USD	330	300	418	380
R50	Hedge/Member	Month 2	Increase	USD	300	300	380	380
R50	Spec	Month 3+	Increase	USD	319	290	407	370
R50	Hedge/Member	Month 3+	Increase	USD	290	290	370	370
MICRO SINGAPORE FOB MARINE FUEL 0.5 (S50)								
S50	Spec	Month 1	Increase	USD	330	300	407	370
S50	Hedge/Member	Month 1	Increase	USD	300	300	370	370
S50	Spec	Month 2	Increase	USD	330	300	396	360
S50	Hedge/Member	Month 2	Increase	USD	300	300	360	360
S50	Spec	Month 3+	Increase	USD	330	300	385	350
S50	Hedge/Member	Month 3+	Increase	USD	300	300	350	350
MICRO SINGAPORE FUEL OIL 380CST (PL (MAF))								
MAF	Spec	Mnth 1	Increase	USD	407	370	490	445
MAF	Hedge/Member	Mnth 1	Increase	USD	370	370	445	445
MAF	Spec	Mnths 2	Increase	USD	347	315	440	400
MAF	Hedge/Member	Mnths 2	Increase	USD	315	315	400	400
MAF	Spec	Mnths 3-13	Increase	USD	292	265	358	325
MAF	Hedge/Member	Mnths 3-13	Increase	USD	265	265	325	325
MAF	Spec	Mnths 14+	Increase	USD	264	240	308	280
MAF	Hedge/Member	Mnths 14+	Increase	USD	240	240	280	280
MIN EUR 1% FUEL OIL CRGO FOBNWE FUT (0B)								
0B	Spec	Mnth 1	Increase	USD	4,070	3,700	4,565	4,150
0B	Hedge/Member	Mnth 1	Increase	USD	3,700	3,700	4,150	4,150
0B	Spec	Mnths 2-6	Increase	USD	3,740	3,400	4,290	3,900
0B	Hedge/Member	Mnths 2-6	Increase	USD	3,400	3,400	3,900	3,900
MIN JAPAN C&F NAPHTHA PLATTS FUT (MJN)								
MJN	Spec	Mnth 1	Increase	USD	4,015	3,650	4,950	4,500
MJN	Hedge/Member	Mnth 1	Increase	USD	3,650	3,650	4,500	4,500
MJN	Spec	Mnths 2-6	Increase	USD	4,015	3,650	4,950	4,500
MJN	Hedge/Member	Mnths 2-6	Increase	USD	3,650	3,650	4,500	4,500
MJN	Spec	Mnths 7+	Increase	USD	3,685	3,350	4,620	4,200
MJN	Hedge/Member	Mnths 7+	Increase	USD	3,350	3,350	4,200	4,200
MINI 3.5% FUEL OIL CAR MED FUT (MMF)								
MMF	Spec		Increase	USD	3,850	3,500	4,400	4,000
MMF	Hedge/Member		Increase	USD	3,500	3,500	4,000	4,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI EURO 1% FUEL OIL FOBRDM FUT (T0)								
T0	Spec	Mnth 1	Increase	USD	3,080	2,800	3,850	3,500
T0	Hedge/Member	Mnth 1	Increase	USD	2,800	2,800	3,500	3,500
T0	Spec	Mnth 2	Increase	USD	3,080	2,800	3,850	3,500
T0	Hedge/Member	Mnth 2	Increase	USD	2,800	2,800	3,500	3,500
T0	Spec	Mnths 3-7	Increase	USD	2,805	2,550	3,630	3,300
T0	Hedge/Member	Mnths 3-7	Increase	USD	2,550	2,550	3,300	3,300
T0	Spec	Mnths 8+	Increase	USD	2,228	2,025	2,915	2,650
T0	Hedge/Member	Mnths 8+	Increase	USD	2,025	2,025	2,650	2,650
MINI EUROPEAN FOB RDAM MARINE FUEL (R5M)								
R5M	Spec	Month 1	Increase	USD	3,520	3,200	4,400	4,000
R5M	Hedge/Member	Month 1	Increase	USD	3,200	3,200	4,000	4,000
R5M	Spec	Month 2	Increase	USD	3,300	3,000	4,180	3,800
R5M	Hedge/Member	Month 2	Increase	USD	3,000	3,000	3,800	3,800
R5M	Spec	Month 3+	Increase	USD	3,190	2,900	4,070	3,700
R5M	Hedge/Member	Month 3+	Increase	USD	2,900	2,900	3,700	3,700
MINI SINGAPORE 380CST FUEL OIL FUT (MTS)								
MTS	Spec	Mnth 1	Increase	USD	4,070	3,700	4,895	4,450
MTS	Hedge/Member	Mnth 1	Increase	USD	3,700	3,700	4,450	4,450
MTS	Spec	Mnths 2	Increase	USD	3,465	3,150	4,400	4,000
MTS	Hedge/Member	Mnths 2	Increase	USD	3,150	3,150	4,000	4,000
MTS	Spec	Mnths 3-13	Increase	USD	2,915	2,650	3,575	3,250
MTS	Hedge/Member	Mnths 3-13	Increase	USD	2,650	2,650	3,250	3,250
MTS	Spec	Mnths 14+	Increase	USD	2,640	2,400	3,080	2,800
MTS	Hedge/Member	Mnths 14+	Increase	USD	2,400	2,400	2,800	2,800
MINI SINGAPORE FOB MARINE FUEL 0.5% (S5M)								
S5M	Spec	Month 1	Increase	USD	3,300	3,000	4,070	3,700
S5M	Hedge/Member	Month 1	Increase	USD	3,000	3,000	3,700	3,700
S5M	Spec	Month 2	Increase	USD	3,300	3,000	3,960	3,600
S5M	Hedge/Member	Month 2	Increase	USD	3,000	3,000	3,600	3,600
S5M	Spec	Month 3+	Increase	USD	3,300	3,000	3,850	3,500
S5M	Hedge/Member	Month 3+	Increase	USD	3,000	3,000	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								
MINI SINGP FUEL OIL 180CST FUTURES (0F)								
0F	Spec	Mnth 1	Increase	USD	4,180	3,800	4,895	4,450
0F	Hedge/Member	Mnth 1	Increase	USD	3,800	3,800	4,450	4,450
0F	Spec	Mnth 2	Increase	USD	4,070	3,700	4,785	4,350
0F	Hedge/Member	Mnth 2	Increase	USD	3,700	3,700	4,350	4,350
0F	Spec	Mnths 3-7	Increase	USD	3,520	3,200	4,235	3,850
0F	Hedge/Member	Mnths 3-7	Increase	USD	3,200	3,200	3,850	3,850
0F	Spec	Mnths 8+	Increase	USD	3,025	2,750	3,685	3,350
0F	Hedge/Member	Mnths 8+	Increase	USD	2,750	2,750	3,350	3,350
NY HARBOR RESIDUAL FUEL 1.0% S FUT (MM)								
MM	Spec	Mnth 1	Increase	USD	6,160	5,600	6,875	6,250
MM	Hedge/Member	Mnth 1	Increase	USD	5,600	5,600	6,250	6,250
MM	Spec	Mnths 2-6	Increase	USD	6,160	5,600	6,875	6,250
MM	Hedge/Member	Mnths 2-6	Increase	USD	5,600	5,600	6,250	6,250
MM	Spec	Mnths 7+	Increase	USD	5,225	4,750	5,830	5,300
MM	Hedge/Member	Mnths 7+	Increase	USD	4,750	4,750	5,300	5,300
PREMIUM UNLD 10P FOB MED FUT (3G)								
3G	Spec	Mnth 1	Increase	USD	45,100	41,000	49,500	45,000
3G	Hedge/Member	Mnth 1	Increase	USD	41,000	41,000	45,000	45,000
3G	Spec	Mnths 2+	Increase	USD	44,000	40,000	48,400	44,000
3G	Hedge/Member	Mnths 2+	Increase	USD	40,000	40,000	44,000	44,000
SINGAPORE 380CST FUEL OIL FUT (SE)								
SE	Spec	Mnth 1	Increase	USD	40,700	37,000	48,950	44,500
SE	Hedge/Member	Mnth 1	Increase	USD	37,000	37,000	44,500	44,500
SE	Spec	Mnths 2	Increase	USD	34,650	31,500	44,000	40,000
SE	Hedge/Member	Mnths 2	Increase	USD	31,500	31,500	40,000	40,000
SE	Spec	Mnths 3-13	Increase	USD	29,150	26,500	35,750	32,500
SE	Hedge/Member	Mnths 3-13	Increase	USD	26,500	26,500	32,500	32,500
SE	Spec	Mnths 14+	Increase	USD	26,400	24,000	30,800	28,000
SE	Hedge/Member	Mnths 14+	Increase	USD	24,000	24,000	28,000	28,000
SINGAPORE FOB MARINE FUEL 0.5% (PLA (S5F))								
S5F	Spec	Month 1	Increase	USD	33,000	30,000	40,700	37,000
S5F	Hedge/Member	Month 1	Increase	USD	30,000	30,000	37,000	37,000
S5F	Spec	Month 2	Increase	USD	33,000	30,000	39,600	36,000
S5F	Hedge/Member	Month 2	Increase	USD	30,000	30,000	36,000	36,000
S5F	Spec	Month 3+	Increase	USD	33,000	30,000	38,500	35,000
S5F	Hedge/Member	Month 3+	Increase	USD	30,000	30,000	35,000	35,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Outright Rates

SINGAPORE FUEL 180CST CALFUT (UA)

UA	Spec	Mnth 1	Increase	USD	41,800	38,000	48,950	44,500
UA	Hedge/Member	Mnth 1	Increase	USD	38,000	38,000	44,500	44,500
UA	Spec	Mnth 2	Increase	USD	40,700	37,000	47,850	43,500
UA	Hedge/Member	Mnth 2	Increase	USD	37,000	37,000	43,500	43,500
UA	Spec	Mnths 3-7	Increase	USD	35,200	32,000	42,350	38,500
UA	Hedge/Member	Mnths 3-7	Increase	USD	32,000	32,000	38,500	38,500
UA	Spec	Mnths 8+	Increase	USD	30,250	27,500	36,850	33,500
UA	Hedge/Member	Mnths 8+	Increase	USD	27,500	27,500	33,500	33,500

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								
Dubai Crude Butterfly - Distance 2 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Increase	USD	248	225	286	260
DC	Hedge/Member		Increase	USD	225	225	260	260
Dubai Crude Butterfly - Distance 2 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Increase	USD	25	23	29	26
DBL	Hedge/Member		Increase	USD	23	23	26	26
Month 2 vs 3-8 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Increase	USD	550	500	682	620
DC	Hedge/Member		Increase	USD	500	500	620	620
Month 2 vs 3-8 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Increase	USD	55	50	68	62
DBL	Hedge/Member		Increase	USD	50	50	62	62
Months 1 vs 2 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Increase	USD	1,375	1,250	1,595	1,450
DC	Hedge/Member		Increase	USD	1,250	1,250	1,450	1,450
Months 1 vs 2 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Increase	USD	138	125	160	145
DBL	Hedge/Member		Increase	USD	125	125	145	145
Months 3-8 vs 3-8 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Increase	USD	451	410	528	480
DC	Hedge/Member		Increase	USD	410	410	480	480
Months 3-8 vs 3-8 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Increase	USD	45	41	53	48
DBL	Hedge/Member		Increase	USD	41	41	48	48
Relperiod - consecutives (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Increase	USD	220	200	264	240
DC	Hedge/Member		Increase	USD	200	200	240	240
Relperiod - consecutives (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Increase	USD	22	20	26	24
DBL	Hedge/Member		Increase	USD	20	20	24	24
CRUDE OIL SPREADS - Intra Spreads								
Dubai Brent Swap - Mnth 1 vs Mnths 3-8 (ICE BRENT DUBAI FUT)								
DB	Spec		Increase	USD	330	300	407	370
DB	Hedge/Member		Increase	USD	300	300	370	370

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 vs. Dubai (Platts) Crude Oil Futures - Tier 1 vs Tier 3 (BRENT CRUDE VS DUBAI CRUDE)								
DBI	Spec		Increase	USD	330	300	407	370
DBI	Hedge/Member		Increase	USD	300	300	370	370
Dubai Crude Butterfly - Distance 2 (DUBAI CRUDE OIL (PLATTS))								
DCD	Spec		Increase	USD	248	225	286	260
DCD	Hedge/Member		Increase	USD	225	225	260	260
Dubai Crude Oil (Platts) Futures - Tier 1 vs Tier 2 (DUBAI CRUDE OIL (PLATTS))								
DCD	Spec		Increase	USD	1,375	1,250	1,595	1,450
DCD	Hedge/Member		Increase	USD	1,250	1,250	1,450	1,450
Dubai Crude Oil (Platts) Futures - Tier 2 vs Tier 3 (DUBAI CRUDE OIL (PLATTS))								
DCD	Spec		Increase	USD	550	500	682	620
DCD	Hedge/Member		Increase	USD	500	500	620	620
Dubai Crude Oil (Platts) Futures - Tier 3 vs Tier 3 (DUBAI CRUDE OIL (PLATTS))								
DCD	Spec		Increase	USD	451	410	528	480
DCD	Hedge/Member		Increase	USD	410	410	480	480
Months 2+ vs 2+ (SINGAPORE FUEL OIL180CST PLATTS FUT)								
DUP	Spec		Increase	USD	10,450	9,500	14,300	13,000
DUP	Hedge/Member		Increase	USD	9,500	9,500	13,000	13,000
Months 2-3 vs 4+ (SINGAPORE FUEL OIL 380CST PLATT FUT)								
DSE	Spec		Increase	USD	13,200	12,000	15,400	14,000
DSE	Hedge/Member		Increase	USD	12,000	12,000	14,000	14,000
Months 4+ vs 4+ (SINGAPORE FUEL OIL 380CST PLATT FUT)								
DSE	Spec		Increase	USD	6,875	6,250	9,350	8,500
DSE	Hedge/Member		Increase	USD	6,250	6,250	8,500	8,500
Relperiod - consecutives (DUBAI CRUDE OIL (PLATTS))								
DCD	Spec		Increase	USD	220	200	264	240
DCD	Hedge/Member		Increase	USD	200	200	240	240
Singapore Fuel Oil 180 cst (Platts) Futures - Consecutive Mths 2 vs 3 + (SINGAPORE FUEL OIL180CST PLATTS FUT)								
DUP	Spec		Increase	USD	4,400	4,000	6,050	5,500
DUP	Hedge/Member		Increase	USD	4,000	4,000	5,500	5,500
Singapore Fuel Oil 180 cst (Platts) Futures - Month 1 vs 2+ (SINGAPORE FUEL OIL180CST PLATTS FUT)								
DUP	Spec		Increase	USD	8,250	7,500	10,725	9,750
DUP	Hedge/Member		Increase	USD	7,500	7,500	9,750	9,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore Fuel Oil 380 cst (Platts) Futures - Month 1 vs 2+ (SINGAPORE FUEL OIL 380CST PLATT FUT)								
DSE	Spec		Increase	USD	8,250	7,500	9,900	9,000
DSE	Hedge/Member		Increase	USD	7,500	7,500	9,000	9,000
NATURAL GAS - Intra Spreads								
LNG Japan/Korea Marker (Platts) Swap Futures - Mnth 1 vs 2-12 (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Spec		Increase	USD	4,620	4,200	5,335	4,850
JKM	Hedge/Member		Increase	USD	4,200	4,200	4,850	4,850

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								
East/West Fuel Oil Spread RelPeriod (EAST/WEST FUEL OIL SPREAD FUT)								
EW	Spec		Increase	USD	2,310	2,100	3,080	2,800
EW	Hedge/Member		Increase	USD	2,100	2,100	2,800	2,800
East/West Fuel Oil Spread RelPeriod (MINI EAST-WEST FUEL OIL FUTURES)								
MEW	Spec		Increase	USD	231	210	308	280
MEW	Hedge/Member		Increase	USD	210	210	280	280
East/West Fuel Oil Spread Swap - Tier 2 vs Tier 2 (EAST/WEST FUEL OIL SPREAD FUT)								
EW	Spec		Increase	USD	4,565	4,150	6,380	5,800
EW	Hedge/Member		Increase	USD	4,150	4,150	5,800	5,800
East/West Fuel Oil Spread Swap - Tier 2 vs Tier 2 (MINI EAST-WEST FUEL OIL FUTURES)								
MEW	Spec		Increase	USD	457	415	638	580
MEW	Hedge/Member		Increase	USD	415	415	580	580
European Jet CIF NWE v. Gasoil Futures Swap - 4+ vs 4+ (JET CIF NWE VS ICE)								
JC	Spec		Increase	USD	1,650	1,500	2,090	1,900
JC	Hedge/Member		Increase	USD	1,500	1,500	1,900	1,900
European Jet CIF NWE v. Gasoil Futures Swap - 4+ vs 4+ (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Spec		Increase	USD	165	150	209	190
MJC	Hedge/Member		Increase	USD	150	150	190	190
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnth 2 vs 3-5 (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Increase	USD	380	345	473	430
ME	Hedge/Member		Increase	USD	345	345	430	430
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnth 2 vs 6+ (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Increase	USD	374	340	462	420
ME	Hedge/Member		Increase	USD	340	340	420	420
High-Low Sulfur Fuel Oil Spread Swap - Consecutive (FUELOIL FUT:CARGOES VS.BARGES)								
FS	Spec		Increase	USD	3,850	3,500	4,510	4,100
FS	Hedge/Member		Increase	USD	3,500	3,500	4,100	4,100
High-Low Sulfur Fuel Oil Spread Swap - Months 1-6 vs 1-6 (FUELOIL FUT:CARGOES VS.BARGES)								
FS	Spec		Increase	USD	7,040	6,400	8,140	7,400
FS	Hedge/Member		Increase	USD	6,400	6,400	7,400	7,400
New York 1% Fuel Oil v. Gulf Coast 3% Fuel Oil Swap - Consecutive months 2+ (NY1%FO V. GULF COAST HSFO FUT)								
VR	Spec		Increase	USD	413	375	528	480
VR	Hedge/Member		Increase	USD	375	375	480	480

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 3+ vs 3+ (NY1%FO V. GULF COAST HSFO FUT)								
VR	Spec		Increase	USD	880	800	1,155	1,050
VR	Hedge/Member		Increase	USD	800	800	1,050	1,050
Singapore Fuel Oil 180 cst (Platts) 6.35 Brent Crack Spread Swap Futures - All Months (SPORE FUEL OIL 180CST 6.35 CK)								
STR	Spec		Increase	USD	2,750	2,500	3,740	3,400
STR	Hedge/Member		Increase	USD	2,500	2,500	3,400	3,400
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		Increase	USD	2,035	1,850	2,640	2,400
STS	Hedge/Member		Increase	USD	1,850	1,850	2,400	2,400

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 - 2+ vs 2+ (1% FUEL OIL (PLT) CARG CIF MED)								
1W	Spec		Increase	USD	9,680	8,800	11,275	10,250
1W	Hedge/Member		Increase	USD	8,800	8,800	10,250	10,250
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP- 2+ vs 2+ (EIA FLAT TAX ONHWAY DIESEL FUT)								
A5	Spec		Increase	USD	1,815	1,650	2,200	2,000
A5	Hedge/Member		Increase	USD	1,650	1,650	2,000	2,000
European 1% Fuel Oil Cargoes FOB MED (Platts) Swap Futures - All Months (EUR 1%FUEL OIL CARG FOB MED(PLATTS))								
EFM	Spec		Increase	USD	9,900	9,000	11,000	10,000
EFM	Hedge/Member		Increase	USD	9,000	9,000	10,000	10,000
European 1% Fuel Oil Cargoes FOB MED (Platts) Swap Futures - All Months (MINI 1% FUEL OIL CAR MED FUT)								
MFD	Spec		Increase	USD	990	900	1,100	1,000
MFD	Hedge/Member		Increase	USD	900	900	1,000	1,000
European 1% Fuel Oil Rotterdam Calendar Swap - 2+ vs 2+ (EUROPE 1% FUEL OIL RDAM CALFUT)								
UH	Spec		Increase	USD	7,425	6,750	9,625	8,750
UH	Hedge/Member		Increase	USD	6,750	6,750	8,750	8,750
European 1% Fuel Oil Rotterdam Calendar Swap - 2+ vs 2+ (MINI EURO 1% FUEL OIL FOBRDM FUT)								
T0	Spec		Increase	USD	743	675	963	875
T0	Hedge/Member		Increase	USD	675	675	875	875
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Consecutive (EUROPE 3.5% FUEL OIL MED CALFUT)								
UI	Spec		Increase	USD	5,500	5,000	7,150	6,500
UI	Hedge/Member		Increase	USD	5,000	5,000	6,500	6,500
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Consecutive (MICRO EURO 3.5% FO CAR MED PLATTS)								
M35	Spec		Increase	USD	55	50	72	65
M35	Hedge/Member		Increase	USD	50	50	65	65
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Consecutive (MINI 3.5% FUEL OIL CAR MED FUT)								
MMF	Spec		Increase	USD	550	500	715	650
MMF	Hedge/Member		Increase	USD	500	500	650	650
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Month 1 vs Months 2+ (EUROPE 3.5% FUEL OIL MED CALFUT)								
UI	Spec		Increase	USD	6,050	5,500	6,820	6,200
UI	Hedge/Member		Increase	USD	5,500	5,500	6,200	6,200

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 MED Calendar Swap (Mediterranean) - Month 1 vs Months 2+ (MICRO EURO 3.5% FO CAR MED PLATTS)								
M35	Spec		Increase	USD	61	55	68	62
M35	Hedge/Member		Increase	USD	55	55	62	62
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Month 1 vs Months 2+ (MINI 3.5% FUEL OIL CAR MED FUT)								
MMF	Spec		Increase	USD	605	550	682	620
MMF	Hedge/Member		Increase	USD	550	550	620	620
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Month 2 vs Months 2+ (EUROPE 3.5% FUEL OIL MED CALFUT)								
UI	Spec		Increase	USD	11,000	10,000	15,400	14,000
UI	Hedge/Member		Increase	USD	10,000	10,000	14,000	14,000
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Month 2 vs Months 2+ (MICRO EURO 3.5% FO CAR MED PLATTS)								
M35	Spec		Increase	USD	110	100	154	140
M35	Hedge/Member		Increase	USD	100	100	140	140
European 3.5% Fuel Oil MED Calendar Swap (Mediterranean) - Month 2 vs Months 2+ (MINI 3.5% FUEL OIL CAR MED FUT)								
MMF	Spec		Increase	USD	1,100	1,000	1,540	1,400
MMF	Hedge/Member		Increase	USD	1,000	1,000	1,400	1,400
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 11+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Increase	USD	10,450	9,500	12,375	11,250
UV	Hedge/Member		Increase	USD	9,500	9,500	11,250	11,250
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 11+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Spec		Increase	USD	105	95	124	113
MEF	Hedge/Member		Increase	USD	95	95	113	113
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 11+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		Increase	USD	1,045	950	1,238	1,125
OD	Hedge/Member		Increase	USD	950	950	1,125	1,125
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-10 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		Increase	USD	10,450	9,500	12,375	11,250
UV	Hedge/Member		Increase	USD	9,500	9,500	11,250	11,250
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-10 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Spec		Increase	USD	105	95	124	113
MEF	Hedge/Member		Increase	USD	95	95	113	113

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 7-10 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Spec		Increase	USD	1,045	950	1,238	1,125
0D	Hedge/Member		Increase	USD	950	950	1,125	1,125
European Singapore Fuel Oil 180cst Calendar Swap - consecutives (MINI SINGP FUEL OIL 180CST FUTURES)								
0F	Spec		Increase	USD	484	440	605	550
0F	Hedge/Member		Increase	USD	440	440	550	550
European Singapore Fuel Oil 180cst Calendar Swap - consecutives (SINGAPORE FUEL 180CST CALFUT)								
UA	Spec		Increase	USD	4,840	4,400	6,050	5,500
UA	Hedge/Member		Increase	USD	4,400	4,400	5,500	5,500
European Singapore Fuel Oil 180cst Calendar Swap - Month 1 vs Months 2+ (MINI SINGP FUEL OIL 180CST FUTURES)								
0F	Spec		Increase	USD	908	825	1,073	975
0F	Hedge/Member		Increase	USD	825	825	975	975
European Singapore Fuel Oil 180cst Calendar Swap - Month 1 vs Months 2+ (SINGAPORE FUEL 180CST CALFUT)								
UA	Spec		Increase	USD	9,075	8,250	10,725	9,750
UA	Hedge/Member		Increase	USD	8,250	8,250	9,750	9,750
European Singapore Fuel Oil 180cst Calendar Swap - Months 2+ vs Months 2+ (MINI SINGP FUEL OIL 180CST FUTURES)								
0F	Spec		Increase	USD	1,045	950	1,430	1,300
0F	Hedge/Member		Increase	USD	950	950	1,300	1,300
European Singapore Fuel Oil 180cst Calendar Swap - Months 2+ vs Months 2+ (SINGAPORE FUEL 180CST CALFUT)								
UA	Spec		Increase	USD	10,450	9,500	14,300	13,000
UA	Hedge/Member		Increase	USD	9,500	9,500	13,000	13,000
Fuel Oil 3.5% CIF MED Swap - 2+ vs 2+ (3.5% FUEL OIL CID MED FUT)								
7D	Spec		Increase	USD	8,250	7,500	9,350	8,500
7D	Hedge/Member		Increase	USD	7,500	7,500	8,500	8,500
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 2 vs 3 (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Increase	USD	3,850	3,500	4,400	4,000
7H	Hedge/Member		Increase	USD	3,500	3,500	4,000	4,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 2 vs 3 (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Increase	USD	3,850	3,500	4,400	4,000
MEO	Hedge/Member		Increase	USD	3,500	3,500	4,000	4,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 1 vs Months 3+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Increase	USD	8,250	7,500	9,350	8,500
7H	Hedge/Member		Increase	USD	7,500	7,500	8,500	8,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 1 vs Months 3+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Increase	USD	8,250	7,500	9,350	8,500
MEO	Hedge/Member		Increase	USD	7,500	7,500	8,500	8,500
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 2 vs Months 3+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Increase	USD	11,000	10,000	12,100	11,000
7H	Hedge/Member		Increase	USD	10,000	10,000	11,000	11,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 2 vs Months 3+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Increase	USD	11,000	10,000	12,100	11,000
MEO	Hedge/Member		Increase	USD	10,000	10,000	11,000	11,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Months 3+ vs Months 3+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Increase	USD	6,875	6,250	8,800	8,000
7H	Hedge/Member		Increase	USD	6,250	6,250	8,000	8,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Months 3+ vs Months 3+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Increase	USD	6,875	6,250	8,800	8,000
MEO	Hedge/Member		Increase	USD	6,250	6,250	8,000	8,000
Gulf Coast #6 Fuel 3.0% Swap - Months 2-6 vs 2-6 (GULF COAST HSFO (PLATTS) FUTURES)								
MF	Spec		Increase	USD	1,463	1,330	2,035	1,850
MF	Hedge/Member		Increase	USD	1,330	1,330	1,850	1,850
Gulf Coast #6 Fuel 3.0% Swap - Months 7-11 vs 12+ (GULF COAST HSFO (PLATTS) FUTURES)								
MF	Spec		Increase	USD	935	850	1,034	940
MF	Hedge/Member		Increase	USD	850	850	940	940
Gulf Coast Ultra Low Sulfur Diesel (ULSD) Swap - Mth 1 vs Mth 2+ (GULF COAST ULSD CALENDAR FUT)								
LY	Spec		Increase	USD	2,970	2,700	3,465	3,150
LY	Hedge/Member		Increase	USD	2,700	2,700	3,150	3,150
Japan C&F Naphtha (Platts) Swap - Consecutive (JAPAN C&F NAPHTHA FUT)								
JA	Spec		Increase	USD	2,200	2,000	2,530	2,300
JA	Hedge/Member		Increase	USD	2,000	2,000	2,300	2,300
Japan C&F Naphtha (Platts) Swap - Consecutive (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Spec		Increase	USD	220	200	253	230
MJN	Hedge/Member		Increase	USD	200	200	230	230
Month 7-11 vs 12+ (SYNTHET GULF COAST NO.6 FUEL OIL 3)								
SMF	Spec		Increase	USD	935	850	1,034	940
SMF	Hedge/Member		Increase	USD	850	850	940	940

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 2-6 (MICRO SINGAPORE FUEL OIL 380CST (PL))								
MAF	Spec		Increase	USD	132	120	154	140
MAF	Hedge/Member		Increase	USD	120	120	140	140
Months 2-6 vs 2-6 (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Spec		Increase	USD	1,320	1,200	1,540	1,400
MTS	Hedge/Member		Increase	USD	1,200	1,200	1,400	1,400
Months 2-6 vs 2-6 (SINGAPORE 380CST FUEL OIL FUT)								
SE	Spec		Increase	USD	13,200	12,000	15,400	14,000
SE	Hedge/Member		Increase	USD	12,000	12,000	14,000	14,000
Months 2-6 vs 2-6 (SYNTHET GULF COAST NO.6 FUEL OIL 3)								
SMF	Spec		Increase	USD	1,463	1,330	2,035	1,850
SMF	Hedge/Member		Increase	USD	1,330	1,330	1,850	1,850
NY Harbor Residual Fuel 1.0% Swap - All Months (NY HARBOR RESIDUAL FUEL 1.0% S FUT)								
MM	Spec		Increase	USD	1,320	1,200	1,650	1,500
MM	Hedge/Member		Increase	USD	1,200	1,200	1,500	1,500
Singapore 380CST Fuel Oil - 2-6 vs 7+ (MICRO SINGAPORE FUEL OIL 380CST (PL))								
MAF	Spec		Increase	USD	121	110	149	135
MAF	Hedge/Member		Increase	USD	110	110	135	135
Singapore 380CST Fuel Oil - 2-6 vs 7+ (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Spec		Increase	USD	1,210	1,100	1,485	1,350
MTS	Hedge/Member		Increase	USD	1,100	1,100	1,350	1,350
Singapore 380CST Fuel Oil - 2-6 vs 7+ (SINGAPORE 380CST FUEL OIL FUT)								
SE	Spec		Increase	USD	12,100	11,000	14,850	13,500
SE	Hedge/Member		Increase	USD	11,000	11,000	13,500	13,500
Singapore 380cst Fuel Oil Swap - 1 vs 2-6 (MICRO SINGAPORE FUEL OIL 380CST (PL))								
MAF	Spec		Increase	USD	88	80	102	93
MAF	Hedge/Member		Increase	USD	80	80	93	93
Singapore 380cst Fuel Oil Swap - 1 vs 2-6 (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Spec		Increase	USD	880	800	1,018	925
MTS	Hedge/Member		Increase	USD	800	800	925	925
Singapore 380cst Fuel Oil Swap - 1 vs 2-6 (SINGAPORE 380CST FUEL OIL FUT)								
SE	Spec		Increase	USD	8,800	8,000	10,175	9,250
SE	Hedge/Member		Increase	USD	8,000	8,000	9,250	9,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore Mogas 92 Unleaded (Platts) Swap - Mths 2 vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Spec		Increase	USD	1,155	1,050	1,540	1,400
1N	Hedge/Member		Increase	USD	1,050	1,050	1,400	1,400
Singapore Mogas 92 Unleaded (Platts) Swap - Mths 3+ vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Spec		Increase	USD	770	700	963	875
1N	Hedge/Member		Increase	USD	700	700	875	875

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
CRUDE OIL - Volatility Scan (volScan) Rate						
BRENT (ICE) CALENDAR SWAP FUTURES (BA, CY, IBS, MBC) - volScan						
Clearing Member Rate	Mnth2	Increase		24.000%		28.000%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (BB, BE, BZ, BZL, BZO, BZS, BZT, IBS, OS, OSW) - volScan						
Clearing Member Rate	Mnth2	Increase		24.000%		28.000%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (BB, BBT, MBZ, ODB, SBB) - volScan						
Clearing Member Rate	Mnth2	Increase		24.000%		28.000%
CRUDE OIL FINANCIAL FUTURES (MCL, QM, WS) - volScan						
Clearing Member Rate	Mnth2	Increase		24.000%		28.000%
CRUDE OIL LAST DAY FINANCIAL FUTURES (26, S26) - volScan						
Clearing Member Rate	Mnth2	Increase		24.000%		28.000%
LIGHT SWEET CRUDE OIL FUTURES (C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, CD, CL, CLL, CLS, CLT, LC, LM1, LM2, LM3, LM4, LM5, LO, LOW, XC, XCT) - volScan						
Clearing Member Rate	Mnth2	Increase		24.000%		28.000%
WTI CALENDAR SWAP FUTURES (AO, CS) - volScan						
Clearing Member Rate	Mnth2	Increase		24.000%		28.000%