



18-292

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Tuesday, July 17, 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

**Wednesday, July 18, 2018.**

Current rates as of:

**Tuesday, July 17, 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
<b>Outright Rates</b>								
<b>CRUDE OIL - Outright Rates</b>								
<b>DUBAI CRUDE OIL CALENDAR FUT (DC)</b>								
DC	Spec	Mnth1	Increase	USD	3,630	3,300	4,290	3,900
DC	Hedge/Member	Mnth1	Increase	USD	3,300	3,300	3,900	3,900
DC	Spec	Mnth2	Increase	USD	3,410	3,100	4,070	3,700
DC	Hedge/Member	Mnth2	Increase	USD	3,100	3,100	3,700	3,700
DC	Spec	Mnth3	Increase	USD	3,410	3,100	4,070	3,700
DC	Hedge/Member	Mnth3	Increase	USD	3,100	3,100	3,700	3,700
DC	Spec	Mnth4	Increase	USD	3,410	3,100	4,070	3,700
DC	Hedge/Member	Mnth4	Increase	USD	3,100	3,100	3,700	3,700
DC	Spec	Mnth5	Increase	USD	3,410	3,100	4,070	3,700
DC	Hedge/Member	Mnth5	Increase	USD	3,100	3,100	3,700	3,700
DC	Spec	Mnth6	Increase	USD	3,410	3,100	4,070	3,700
DC	Hedge/Member	Mnth6	Increase	USD	3,100	3,100	3,700	3,700
DC	Spec	Mnth7	Increase	USD	3,410	3,100	3,850	3,500
DC	Hedge/Member	Mnth7	Increase	USD	3,100	3,100	3,500	3,500
DC	Spec	Mnth8	Increase	USD	3,410	3,100	3,740	3,400
DC	Hedge/Member	Mnth8	Increase	USD	3,100	3,100	3,400	3,400
DC	Spec	Mnth9	Increase	USD	3,190	2,900	3,410	3,100
DC	Hedge/Member	Mnth9	Increase	USD	2,900	2,900	3,100	3,100
DC	Spec	Mnth10	Increase	USD	3,190	2,900	3,300	3,000
DC	Hedge/Member	Mnth10	Increase	USD	2,900	2,900	3,000	3,000
<b>EUROPE DATED BRENT FUT (UB)</b>								
UB	Spec	Mths 1 - 6	Increase	USD	3,300	3,000	4,400	4,000
UB	Hedge/Member	Mths 1 - 6	Increase	USD	3,000	3,000	4,000	4,000
<b>MINI DATED BRENT (PLATTS) FINANCIAL (MDB)</b>								
MDB	Spec	Mths 1 - 6	Increase	USD	330	300	440	400
MDB	Hedge/Member	Mths 1 - 6	Increase	USD	300	300	400	400
<b>MINI DUBAI CRUDE OIL (PLATTS) FUT (DBL)</b>								
DBL	Spec	Mnth1	Increase	USD	363	330	429	390
DBL	Hedge/Member	Mnth1	Increase	USD	330	330	390	390
DBL	Spec	Mnth2	Increase	USD	341	310	407	370
DBL	Hedge/Member	Mnth2	Increase	USD	310	310	370	370
DBL	Spec	Mnth3	Increase	USD	341	310	407	370
DBL	Hedge/Member	Mnth3	Increase	USD	310	310	370	370
DBL	Spec	Mnth4	Increase	USD	341	310	407	370
DBL	Hedge/Member	Mnth4	Increase	USD	310	310	370	370
DBL	Spec	Mnth5	Increase	USD	341	310	407	370

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
DBL	Hedge/Member	Mnth5	Increase	USD	310	310	370	370
DBL	Spec	Mnth6	Increase	USD	341	310	407	370
DBL	Hedge/Member	Mnth6	Increase	USD	310	310	370	370
DBL	Spec	Mnth7	Increase	USD	341	310	385	350
DBL	Hedge/Member	Mnth7	Increase	USD	310	310	350	350
DBL	Spec	Mnth8	Increase	USD	341	310	374	340
DBL	Hedge/Member	Mnth8	Increase	USD	310	310	340	340
DBL	Spec	Mnth9	Increase	USD	319	290	341	310
DBL	Hedge/Member	Mnth9	Increase	USD	290	290	310	310
DBL	Spec	Mnth10	Increase	USD	319	290	330	300
DBL	Hedge/Member	Mnth10	Increase	USD	290	290	300	300

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>DME Products - Outright Rates</b>								
<b>DME OMAN CRUDE OIL (OQ)</b>								
OQ	Spec	Mnth1	Increase	USD	3,850	3,500	4,400	4,000
OQ	Hedge/Member	Mnth1	Increase	USD	3,500	3,500	4,000	4,000
OQ	Spec	Mnth2	Increase	USD	3,575	3,250	4,125	3,750
OQ	Hedge/Member	Mnth2	Increase	USD	3,250	3,250	3,750	3,750
OQ	Spec	Mnth3	Increase	USD	3,575	3,250	3,905	3,550
OQ	Hedge/Member	Mnth3	Increase	USD	3,250	3,250	3,550	3,550
OQ	Spec	Mnth4	Increase	USD	3,355	3,050	3,905	3,550
OQ	Hedge/Member	Mnth4	Increase	USD	3,050	3,050	3,550	3,550
OQ	Spec	Mnth5	Increase	USD	3,355	3,050	3,905	3,550
OQ	Hedge/Member	Mnth5	Increase	USD	3,050	3,050	3,550	3,550
OQ	Spec	Mnth6	Increase	USD	3,300	3,000	3,850	3,500
OQ	Hedge/Member	Mnth6	Increase	USD	3,000	3,000	3,500	3,500
OQ	Spec	Mnth7	Increase	USD	3,300	3,000	3,740	3,400
OQ	Hedge/Member	Mnth7	Increase	USD	3,000	3,000	3,400	3,400
OQ	Spec	Mnth8	Increase	USD	3,300	3,000	3,630	3,300
OQ	Hedge/Member	Mnth8	Increase	USD	3,000	3,000	3,300	3,300
OQ	Spec	Mnth9	Increase	USD	3,300	3,000	3,520	3,200
OQ	Hedge/Member	Mnth9	Increase	USD	3,000	3,000	3,200	3,200
OQ	Spec	Mnth10	Increase	USD	3,300	3,000	3,410	3,100
OQ	Hedge/Member	Mnth10	Increase	USD	3,000	3,000	3,100	3,100
<b>DUBAI CRUDE OIL (PLATTS) (DCD)</b>								
DCD	Spec	Mnth 1	Increase	USD	3,795	3,450	4,290	3,900
DCD	Hedge/Member	Mnth 1	Increase	USD	3,450	3,450	3,900	3,900
DCD	Spec	Mnths 2-3	Increase	USD	3,630	3,300	4,070	3,700
DCD	Hedge/Member	Mnths 2-3	Increase	USD	3,300	3,300	3,700	3,700
DCD	Spec	Mnths 4-8	Increase	USD	3,410	3,100	4,070	3,700
DCD	Hedge/Member	Mnths 4-8	Increase	USD	3,100	3,100	3,700	3,700
DCD	Spec	Mnths 9+	Increase	USD	3,190	2,900	3,630	3,300
DCD	Hedge/Member	Mnths 9+	Increase	USD	2,900	2,900	3,300	3,300
<b>MIDEAST FUEL OIL 180 CST PLATTS FUT (DHE)</b>								
DHE	Spec	All Months	Increase	USD	17,600	16,000	23,650	21,500
DHE	Hedge/Member	All Months	Increase	USD	16,000	16,000	21,500	21,500

## 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

#### MIDEAST FUEL OIL 380 CST PLATT FUT (DES)

DES	Spec	Mnth 1	Increase	USD	17,600	16,000	24,640	22,400
DES	Hedge/Member	Mnth 1	Increase	USD	16,000	16,000	22,400	22,400
DES	Spec	Mnths 2+	Increase	USD	17,600	16,000	24,640	22,400
DES	Hedge/Member	Mnths 2+	Increase	USD	16,000	16,000	22,400	22,400

#### OMAN CRUDE FINANCIAL (ZG)

ZG	Spec	Mnth1	Increase	USD	385	350	440	400
ZG	Hedge/Member	Mnth1	Increase	USD	350	350	400	400
ZG	Spec	Mnth2	Increase	USD	358	325	413	375
ZG	Hedge/Member	Mnth2	Increase	USD	325	325	375	375
ZG	Spec	Mnth3	Increase	USD	358	325	391	355
ZG	Hedge/Member	Mnth3	Increase	USD	325	325	355	355
ZG	Spec	Mnth4	Increase	USD	336	305	391	355
ZG	Hedge/Member	Mnth4	Increase	USD	305	305	355	355
ZG	Spec	Mnth5	Increase	USD	336	305	391	355
ZG	Hedge/Member	Mnth5	Increase	USD	305	305	355	355
ZG	Spec	Mnth6	Increase	USD	330	300	385	350
ZG	Hedge/Member	Mnth6	Increase	USD	300	300	350	350
ZG	Spec	Mnth7	Increase	USD	330	300	374	340
ZG	Hedge/Member	Mnth7	Increase	USD	300	300	340	340
ZG	Spec	Mnth8	Increase	USD	330	300	363	330
ZG	Hedge/Member	Mnth8	Increase	USD	300	300	330	330
ZG	Spec	Mnth9	Increase	USD	330	300	352	320
ZG	Hedge/Member	Mnth9	Increase	USD	300	300	320	320
ZG	Spec	Mnth10	Increase	USD	330	300	341	310
ZG	Hedge/Member	Mnth10	Increase	USD	300	300	310	310

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>OMAN CRUDE OIL TAM FUT (OQB)</b>								
OQB	Spec	Mnth1	Increase	USD	3,850	3,500	4,400	4,000
OQB	Hedge/Member	Mnth1	Increase	USD	3,500	3,500	4,000	4,000
OQB	Spec	Mnth2	Increase	USD	3,575	3,250	4,125	3,750
OQB	Hedge/Member	Mnth2	Increase	USD	3,250	3,250	3,750	3,750
OQB	Spec	Mnth3	Increase	USD	3,575	3,250	3,905	3,550
OQB	Hedge/Member	Mnth3	Increase	USD	3,250	3,250	3,550	3,550
OQB	Spec	Mnth4	Increase	USD	3,355	3,050	3,905	3,550
OQB	Hedge/Member	Mnth4	Increase	USD	3,050	3,050	3,550	3,550
OQB	Spec	Mnth5	Increase	USD	3,355	3,050	3,905	3,550
OQB	Hedge/Member	Mnth5	Increase	USD	3,050	3,050	3,550	3,550
OQB	Spec	Mnth6	Increase	USD	3,300	3,000	3,850	3,500
OQB	Hedge/Member	Mnth6	Increase	USD	3,000	3,000	3,500	3,500
OQB	Spec	Mnth7	Increase	USD	3,300	3,000	3,740	3,400
OQB	Hedge/Member	Mnth7	Increase	USD	3,000	3,000	3,400	3,400
OQB	Spec	Mnth8	Increase	USD	3,300	3,000	3,630	3,300
OQB	Hedge/Member	Mnth8	Increase	USD	3,000	3,000	3,300	3,300
OQB	Spec	Mnth9	Increase	USD	3,300	3,000	3,520	3,200
OQB	Hedge/Member	Mnth9	Increase	USD	3,000	3,000	3,200	3,200
OQB	Spec	Mnth10	Increase	USD	3,300	3,000	3,410	3,100
OQB	Hedge/Member	Mnth10	Increase	USD	3,000	3,000	3,100	3,100

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>OMAN CRUDE OIL TAM MARKER SYN (OQ1)</b>								
OQ1	Spec	Mnth1	Increase	USD	3,850	3,500	4,400	4,000
OQ1	Hedge/Member	Mnth1	Increase	USD	3,500	3,500	4,000	4,000
OQ1	Spec	Mnth2	Increase	USD	3,575	3,250	4,125	3,750
OQ1	Hedge/Member	Mnth2	Increase	USD	3,250	3,250	3,750	3,750
OQ1	Spec	Mnth3	Increase	USD	3,575	3,250	3,905	3,550
OQ1	Hedge/Member	Mnth3	Increase	USD	3,250	3,250	3,550	3,550
OQ1	Spec	Mnth4	Increase	USD	3,355	3,050	3,905	3,550
OQ1	Hedge/Member	Mnth4	Increase	USD	3,050	3,050	3,550	3,550
OQ1	Spec	Mnth5	Increase	USD	3,355	3,050	3,905	3,550
OQ1	Hedge/Member	Mnth5	Increase	USD	3,050	3,050	3,550	3,550
OQ1	Spec	Mnth6	Increase	USD	3,300	3,000	3,850	3,500
OQ1	Hedge/Member	Mnth6	Increase	USD	3,000	3,000	3,500	3,500
OQ1	Spec	Mnth7	Increase	USD	3,300	3,000	3,740	3,400
OQ1	Hedge/Member	Mnth7	Increase	USD	3,000	3,000	3,400	3,400
OQ1	Spec	Mnth8	Increase	USD	3,300	3,000	3,630	3,300
OQ1	Hedge/Member	Mnth8	Increase	USD	3,000	3,000	3,300	3,300
OQ1	Spec	Mnth9	Increase	USD	3,300	3,000	3,520	3,200
OQ1	Hedge/Member	Mnth9	Increase	USD	3,000	3,000	3,200	3,200
OQ1	Spec	Mnth10	Increase	USD	3,300	3,000	3,410	3,100
OQ1	Hedge/Member	Mnth10	Increase	USD	3,000	3,000	3,100	3,100
<b>SPORE JET KEROSENE VS DME OMAN (DKR)</b>								
DKR	Spec	Mnth 1	Increase	USD	1,485	1,350	1,925	1,750
DKR	Hedge/Member	Mnth 1	Increase	USD	1,350	1,350	1,750	1,750
DKR	Spec	Mnths 2-6	Increase	USD	1,430	1,300	1,925	1,750
DKR	Hedge/Member	Mnths 2-6	Increase	USD	1,300	1,300	1,750	1,750
DKR	Spec	Mnths 7+	Increase	USD	1,430	1,300	1,925	1,750
DKR	Hedge/Member	Mnths 7+	Increase	USD	1,300	1,300	1,750	1,750
<b>SPORE MOGAS 92UNLD(PLTS)VS DME OMAN (DDE)</b>								
DDE	Spec	Month 1	Increase	USD	4,180	3,800	5,775	5,250
DDE	Hedge/Member	Month 1	Increase	USD	3,800	3,800	5,250	5,250
DDE	Spec	Month 2+	Increase	USD	4,180	3,800	5,775	5,250
DDE	Hedge/Member	Month 2+	Increase	USD	3,800	3,800	5,250	5,250

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>NGL/PETROCHEMICALS - Outright Rates</b>								
<b>CONWAY NAT GASOLINE FUT (8L)</b>								
8L	Spec		Increase	USD	4,125	3,750	4,620	4,200
8L	Hedge/Member		Increase	USD	3,750	3,750	4,200	4,200
<b>CONWAY NORMAL BUTANE FUT (8M)</b>								
8M	Spec	Mnth 2+	Increase	USD	3,080	2,800	3,300	3,000
8M	Hedge/Member	Mnth 2+	Increase	USD	2,800	2,800	3,000	3,000
<b>CONWAY PROPANE 5 DEC. FUT (8K)</b>								
8K	Spec	Mth 3	Increase	USD	1,540	1,400	1,650	1,500
8K	Hedge/Member	Mth 3	Increase	USD	1,400	1,400	1,500	1,500
8K	Spec	Mths 4-11	Increase	USD	1,375	1,250	1,485	1,350
8K	Hedge/Member	Mths 4-11	Increase	USD	1,250	1,250	1,350	1,350
8K	Spec	Mths 12-24	Increase	USD	1,210	1,100	1,320	1,200
8K	Hedge/Member	Mths 12-24	Increase	USD	1,100	1,100	1,200	1,200
8K	Spec	Mnths 25+	Increase	USD	1,210	1,100	1,320	1,200
8K	Hedge/Member	Mnths 25+	Increase	USD	1,100	1,100	1,200	1,200
<b>MONT BELVIEU NAT GAS (OPIS) FUT (W3)</b>								
W3	Spec	Mnth 1	Increase	USD	3,300	3,000	3,850	3,500
W3	Hedge/Member	Mnth 1	Increase	USD	3,000	3,000	3,500	3,500
W3	Spec	Mnths 2	Increase	USD	2,750	2,500	3,630	3,300
W3	Hedge/Member	Mnths 2	Increase	USD	2,500	2,500	3,300	3,300
W3	Spec	Mnth 3+	Increase	USD	2,750	2,500	3,520	3,200
W3	Hedge/Member	Mnth 3+	Increase	USD	2,500	2,500	3,200	3,200
<b>MT BELVIEU ISO BUTANE 5 DEC. S (8I)</b>								
8I	Spec	Mnth 1	Increase	USD	4,400	4,000	5,280	4,800
8I	Hedge/Member	Mnth 1	Increase	USD	4,000	4,000	4,800	4,800
8I	Spec	Mnths 2	Increase	USD	2,420	2,200	2,970	2,700
8I	Hedge/Member	Mnths 2	Increase	USD	2,200	2,200	2,700	2,700
8I	Spec	Mnths 5+	Increase	USD	1,650	1,500	1,980	1,800
8I	Hedge/Member	Mnths 5+	Increase	USD	1,500	1,500	1,800	1,800
8I	Spec	Mnth 3-4	Increase	USD	2,200	2,000	2,530	2,300
8I	Hedge/Member	Mnth 3-4	Increase	USD	2,000	2,000	2,300	2,300

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>MT BELVIEU NAT GAS 5 D. OPIS (7Q)</b>								
7Q	Spec	Mnth 1	Increase	USD	3,300	3,000	3,850	3,500
7Q	Hedge/Member	Mnth 1	Increase	USD	3,000	3,000	3,500	3,500
7Q	Spec	Mnths 2	Increase	USD	2,750	2,500	3,630	3,300
7Q	Hedge/Member	Mnths 2	Increase	USD	2,500	2,500	3,300	3,300
7Q	Spec	Mnth 3+	Increase	USD	2,750	2,500	3,520	3,200
7Q	Hedge/Member	Mnth 3+	Increase	USD	2,500	2,500	3,200	3,200
<b>MT BELVIEU NORMAL BUTANE LDH(OPIS) (MNB)</b>								
MNB	Spec	Mnth 2	Increase	USD	2,200	2,000	2,420	2,200
MNB	Hedge/Member	Mnth 2	Increase	USD	2,000	2,000	2,200	2,200
MNB	Spec	Mnth 3+	Increase	USD	1,980	1,800	2,200	2,000
MNB	Hedge/Member	Mnth 3+	Increase	USD	1,800	1,800	2,000	2,000
<b>PGP POLYMER GRD PROPYLENE CAL FUT (PGP)</b>								
PGP	Spec	Mth 2+	Increase	USD	3,740	3,400	4,290	3,900
PGP	Hedge/Member	Mth 2+	Increase	USD	3,400	3,400	3,900	3,900
<b>PROPANE NON LDH MT BELVIEU (1R)</b>								
1R	Spec	Mth 1	Increase	USD	2,200	2,000	2,420	2,200
1R	Hedge/Member	Mth 1	Increase	USD	2,000	2,000	2,200	2,200
1R	Spec	Mth 2	Increase	USD	1,870	1,700	2,420	2,200
1R	Hedge/Member	Mth 2	Increase	USD	1,700	1,700	2,200	2,200
1R	Spec	Mnth 3-9	Increase	USD	1,595	1,450	2,035	1,850
1R	Hedge/Member	Mnth 3-9	Increase	USD	1,450	1,450	1,850	1,850
1R	Spec	Mnth 10+	New	USD			1,870	1,700
1R	Hedge/Member	Mnth 10+	New	USD			1,700	1,700

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>PETROLEUM CRACKS AND SPREADS - Outright Rates</b>								
<b>(DNB)</b>								
DNB	Spec	Tier 1	Increase	USD	3,685	3,350	5,170	4,700
DNB	Hedge/Member	Tier 1	Increase	USD	3,350	3,350	4,700	4,700
DNB	Spec	Tier 2	Increase	USD	3,685	3,350	5,170	4,700
DNB	Hedge/Member	Tier 2	Increase	USD	3,350	3,350	4,700	4,700
<b>1% FUEL OIL RDM VS 1% OIL NWE PLTS (33)</b>								
33	Spec	Mnth 1	Increase	USD	1,100	1,000	1,540	1,400
33	Hedge/Member	Mnth 1	Increase	USD	1,000	1,000	1,400	1,400
33	Spec	Mnth 2	Increase	USD	1,045	950	1,485	1,350
33	Hedge/Member	Mnth 2	Increase	USD	950	950	1,350	1,350
33	Spec	Mnths 3+	Increase	USD	990	900	1,375	1,250
33	Hedge/Member	Mnths 3+	Increase	USD	900	900	1,250	1,250
<b>E/W NAPHTHA JAPAN CF VS CRGOES CIF (EWN)</b>								
EWN	Spec	Mnth 1	Increase	USD	3,080	2,800	3,575	3,250
EWN	Hedge/Member	Mnth 1	Increase	USD	2,800	2,800	3,250	3,250
EWN	Spec	Mnths 2-4	Increase	USD	2,750	2,500	3,025	2,750
EWN	Hedge/Member	Mnths 2-4	Increase	USD	2,500	2,500	2,750	2,750
EWN	Spec	Mnths 10-15	Increase	USD	1,760	1,600	1,925	1,750
EWN	Hedge/Member	Mnths 10-15	Increase	USD	1,600	1,600	1,750	1,750
EWN	Spec	Mnths 16+	Increase	USD	1,760	1,600	1,925	1,750
EWN	Hedge/Member	Mnths 16+	Increase	USD	1,600	1,600	1,750	1,750
<b>EAST/WEST FUEL OIL SPREAD FUT (EW)</b>								
EW	Spec	Mth 1	Increase	USD	5,500	5,000	7,700	7,000
EW	Hedge/Member	Mth 1	Increase	USD	5,000	5,000	7,000	7,000
EW	Spec	Mths 2	Increase	USD	2,750	2,500	3,025	2,750
EW	Hedge/Member	Mths 2	Increase	USD	2,500	2,500	2,750	2,750
EW	Spec	Mnths 10+	Increase	USD	1,760	1,600	2,200	2,000
EW	Hedge/Member	Mnths 10+	Increase	USD	1,600	1,600	2,000	2,000
<b>EURO 3.5% FUEL OIL SPREAD (FK)</b>								
FK	Spec	Mnths 4-11	Increase	USD	715	650	825	750
FK	Hedge/Member	Mnths 4-11	Increase	USD	650	650	750	750
FK	Spec	Mnths 12+	Increase	USD	715	650	825	750
FK	Hedge/Member	Mnths 12+	Increase	USD	650	650	750	750

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>EURO DIESEL 10PPM VS. ICE (ET)</b>								
ET	Spec	Mnth 3	Increase	USD	990	900	1,100	1,000
ET	Hedge/Member	Mnth 3	Increase	USD	900	900	1,000	1,000
ET	Spec	Mnths 4+	Increase	USD	770	700	935	850
ET	Hedge/Member	Mnths 4+	Increase	USD	700	700	850	850
<b>FUELOIL FUT:CARGOES VS.BARGES (FS)</b>								
FS	Spec	Mnth 1	Increase	USD	3,135	2,850	3,575	3,250
FS	Hedge/Member	Mnth 1	Increase	USD	2,850	2,850	3,250	3,250
FS	Spec	Mnth 2	Increase	USD	1,870	1,700	2,475	2,250
FS	Hedge/Member	Mnth 2	Increase	USD	1,700	1,700	2,250	2,250
FS	Spec	Mnths 3-12	Increase	USD	1,705	1,550	2,200	2,000
FS	Hedge/Member	Mnths 3-12	Increase	USD	1,550	1,550	2,000	2,000
<b>GRP3 ULSD VS NY HRBR ULSD FUT (A6)</b>								
A6	Spec	Mnth 1	Increase	USD	880	800	1,100	1,000
A6	Hedge/Member	Mnth 1	Increase	USD	800	800	1,000	1,000
A6	Spec	Mnth 2	Increase	USD	605	550	715	650
A6	Hedge/Member	Mnth 2	Increase	USD	550	550	650	650
A6	Spec	Mnths 3-5	Increase	USD	495	450	605	550
A6	Hedge/Member	Mnths 3-5	Increase	USD	450	450	550	550
A6	Spec	Mnths 6+	Increase	USD	330	300	440	400
A6	Hedge/Member	Mnths 6+	Increase	USD	300	300	400	400
<b>JAPAN C&amp;F NAPHTHA DUBAI (PLATTS) CR (JNC)</b>								
JNC	Spec	Mnth 1	Increase	USD	1,650	1,500	1,980	1,800
JNC	Hedge/Member	Mnth 1	Increase	USD	1,500	1,500	1,800	1,800
JNC	Spec	Mnths 2+	Increase	USD	1,430	1,300	1,650	1,500
JNC	Hedge/Member	Mnths 2+	Increase	USD	1,300	1,300	1,500	1,500
<b>JET CIF NWE VS ICE (JC)</b>								
JC	Spec	Mnth 1	Increase	USD	5,500	5,000	6,325	5,750
JC	Hedge/Member	Mnth 1	Increase	USD	5,000	5,000	5,750	5,750
JC	Spec	Mnth 2	Increase	USD	4,950	4,500	5,500	5,000
JC	Hedge/Member	Mnth 2	Increase	USD	4,500	4,500	5,000	5,000
JC	Spec	Mnths 3-6	Increase	USD	3,630	3,300	4,125	3,750
JC	Hedge/Member	Mnths 3-6	Increase	USD	3,300	3,300	3,750	3,750

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>LA CARBD (OPIS) VS. NY HRBR ULSD (KL)</b>								
KL	Spec	Mnth 1	Increase	USD	1,760	1,600	2,200	2,000
KL	Hedge/Member	Mnth 1	Increase	USD	1,600	1,600	2,000	2,000
KL	Spec	Mnth 2	Increase	USD	1,650	1,500	2,090	1,900
KL	Hedge/Member	Mnth 2	Increase	USD	1,500	1,500	1,900	1,900
KL	Spec	Mnths 3+	Increase	USD	1,595	1,450	1,925	1,750
KL	Hedge/Member	Mnths 3+	Increase	USD	1,450	1,450	1,750	1,750
<b>LA CARBOB GASOLINE(OPIS)FUT (JL)</b>								
JL	Spec	Mth 1	Increase	USD	3,850	3,500	4,620	4,200
JL	Hedge/Member	Mth 1	Increase	USD	3,500	3,500	4,200	4,200
JL	Spec	Mths 2+	Increase	USD	3,850	3,500	4,620	4,200
JL	Hedge/Member	Mths 2+	Increase	USD	3,500	3,500	4,200	4,200
<b>MIN JETKERO CRGOS CIF NWE VS GASOIL (MJC)</b>								
MJC	Spec	Mnth 1	Increase	USD	550	500	633	575
MJC	Hedge/Member	Mnth 1	Increase	USD	500	500	575	575
MJC	Spec	Mnth 2	Increase	USD	495	450	550	500
MJC	Hedge/Member	Mnth 2	Increase	USD	450	450	500	500
MJC	Spec	Mnths 3-6	Increase	USD	363	330	413	375
MJC	Hedge/Member	Mnths 3-6	Increase	USD	330	330	375	375
<b>MIN ULSD 10PPM CRGS CIF NWE VS GSL (MGN)</b>								
MGN	Spec	Mnths 3-4	Increase	USD	94	85	110	100
MGN	Hedge/Member	Mnths 3-4	Increase	USD	85	85	100	100
MGN	Spec	Mnths 5+	Increase	USD	61	55	83	75
MGN	Hedge/Member	Mnths 5+	Increase	USD	55	55	75	75
<b>MINI EAST-WEST FUEL OIL FUTURES (MEW)</b>								
MEW	Spec	Mth 1	Increase	USD	550	500	770	700
MEW	Hedge/Member	Mth 1	Increase	USD	500	500	700	700
MEW	Spec	Mths 2	Increase	USD	275	250	303	275
MEW	Hedge/Member	Mths 2	Increase	USD	250	250	275	275
MEW	Spec	Mnths 10+	Increase	USD	176	160	220	200
MEW	Hedge/Member	Mnths 10+	Increase	USD	160	160	200	200
<b>MINI EUR DIESEL10PPM VS ICE GS FUT (MUD)</b>								
MUD	Spec	Mnth 3	Increase	USD	99	90	110	100
MUD	Hedge/Member	Mnth 3	Increase	USD	90	90	100	100
MUD	Spec	Mnths 4+	Increase	USD	77	70	94	85
MUD	Hedge/Member	Mnths 4+	Increase	USD	70	70	85	85

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>NEW YORK FUEL OIL 1% V. EURO 1% FO (NYF)</b>								
NYF	Spec	Mnth 2	Increase	USD	1,155	1,050	1,320	1,200
NYF	Hedge/Member	Mnth 2	Increase	USD	1,050	1,050	1,200	1,200
NYF	Spec	Mnths 3+	Increase	USD	825	750	990	900
NYF	Hedge/Member	Mnths 3+	Increase	USD	750	750	900	900
<b>NY 3% FUEL OIL V GULF COAST NO6 3% (FOC)</b>								
FOC	Spec		Increase	USD	825	750	935	850
FOC	Hedge/Member		Increase	USD	750	750	850	850
FOC	Spec		Increase	USD	688	625	853	775
FOC	Hedge/Member		Increase	USD	625	625	775	775
<b>NY HARBOR RESIDUAL FUEL CRACK FUT (ML)</b>								
ML	Spec	Mnth 1	Increase	USD	2,750	2,500	3,575	3,250
ML	Hedge/Member	Mnth 1	Increase	USD	2,500	2,500	3,250	3,250
ML	Spec	Mnths 2+	Increase	USD	1,980	1,800	2,475	2,250
ML	Hedge/Member	Mnths 2+	Increase	USD	1,800	1,800	2,250	2,250
<b>NY RBOB (ARGUS) V RBOB GASOLINE FUT (NYR)</b>								
NYR	Spec	Mnth 1	Increase	USD	1,100	1,000	1,375	1,250
NYR	Hedge/Member	Mnth 1	Increase	USD	1,000	1,000	1,250	1,250
NYR	Spec	Mnth 2	Increase	USD	880	800	1,100	1,000
NYR	Hedge/Member	Mnth 2	Increase	USD	800	800	1,000	1,000
NYR	Spec	Mnths 3+	Increase	USD	880	800	1,100	1,000
NYR	Hedge/Member	Mnths 3+	Increase	USD	800	800	1,000	1,000
<b>NY ULSD VS. NY HRBR ULSD FUT (7Y)</b>								
7Y	Spec	Mnth 2	Increase	USD	495	450	550	500
7Y	Hedge/Member	Mnth 2	Increase	USD	450	450	500	500
7Y	Spec	Mnths 3+	Increase	USD	495	450	550	500
7Y	Hedge/Member	Mnths 3+	Increase	USD	450	450	500	500
<b>NY1%FO V. GULF COAST HSFO FUT (VR)</b>								
VR	Spec	Mnth 1	Increase	USD	605	550	770	700
VR	Hedge/Member	Mnth 1	Increase	USD	550	550	700	700
VR	Spec	Mnth 2	Increase	USD	385	350	495	450
VR	Hedge/Member	Mnth 2	Increase	USD	350	350	450	450
VR	Spec	Mnths 3+	Increase	USD	275	250	358	325
VR	Hedge/Member	Mnths 3+	Increase	USD	250	250	325	325
<b>RBOB SPREAD (PLATTS) FUT (RI)</b>								
RI	Spec		Increase	USD	2,200	2,000	2,750	2,500
RI	Hedge/Member		Increase	USD	2,000	2,000	2,500	2,500

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>SINGAPORE FUEL OIL SPREAD FUT (SD)</b>								
SD	Spec	Mnths 1	Increase	USD	2,860	2,600	3,300	3,000
SD	Hedge/Member	Mnths 1	Increase	USD	2,600	2,600	3,000	3,000
<b>SINGAPORE JET KERO GASOIL FUT (RK)</b>								
RK	Spec	Mnth 1	Increase	USD	1,100	1,000	1,375	1,250
RK	Hedge/Member	Mnth 1	Increase	USD	1,000	1,000	1,250	1,250
RK	Spec	Mnth 2	Increase	USD	715	650	825	750
RK	Hedge/Member	Mnth 2	Increase	USD	650	650	750	750
RK	Spec	Mnth 3+	Increase	USD	550	500	660	600
RK	Hedge/Member	Mnth 3+	Increase	USD	500	500	600	600
<b>SINGAPORE GASOIL V SINGAGSOL 500 PPM (STZ)</b>								
STZ	Spec	Mnth 1	Increase	USD	440	400	550	500
STZ	Hedge/Member	Mnth 1	Increase	USD	400	400	500	500
STZ	Spec	Mnth 2+	Increase	USD	385	350	440	400
STZ	Hedge/Member	Mnth 2+	Increase	USD	350	350	400	400
<b>SPORE FUEL OIL 180CST 6.35 DUBAI CK (STS)</b>								
STS	Spec	Mnth 1	Increase	USD	1,760	1,600	1,980	1,800
STS	Hedge/Member	Mnth 1	Increase	USD	1,600	1,600	1,800	1,800
STS	Spec	Mnths 2+	Increase	USD	1,430	1,300	1,705	1,550
STS	Hedge/Member	Mnths 2+	Increase	USD	1,300	1,300	1,550	1,550
<b>ULSD 10PPM V. ICE FUT (TP)</b>								
TP	Spec	Mnths 3-4	Increase	USD	935	850	1,100	1,000
TP	Hedge/Member	Mnths 3-4	Increase	USD	850	850	1,000	1,000
TP	Spec	Mnths 5+	Increase	USD	605	550	825	750
TP	Hedge/Member	Mnths 5+	Increase	USD	550	550	750	750

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>REFINED PRODUCTS - Outright Rates</b>								
<b>1% FUEL OIL (PLT) CARG CIF MED (1W)</b>								
1W	Spec	Mth 1	Increase	USD	19,800	18,000	26,675	24,250
1W	Hedge/Member	Mth 1	Increase	USD	18,000	18,000	24,250	24,250
1W	Spec	Mths 2+	Increase	USD	19,250	17,500	25,960	23,600
1W	Hedge/Member	Mths 2+	Increase	USD	17,500	17,500	23,600	23,600
<b>1% FUEL OIL (PLT) CARG CIF NWE (1X)</b>								
1X	Spec		Increase	USD	19,525	17,750	26,400	24,000
1X	Hedge/Member		Increase	USD	17,750	17,750	24,000	24,000
<b>1% FUEL OIL PLATTS CIF BALMO FUT (FOB)</b>								
FOB	Spec		Increase	USD	18,700	17,000	26,180	23,800
FOB	Hedge/Member		Increase	USD	17,000	17,000	23,800	23,800
<b>3.5% FUEL OIL CID MED FUT (7D)</b>								
7D	Spec		Increase	USD	22,000	20,000	27,500	25,000
7D	Hedge/Member		Increase	USD	20,000	20,000	25,000	25,000
<b>3.5% FUEL OIL CIF BALMO FUT (8D)</b>								
8D	Spec		Increase	USD	22,000	20,000	29,700	27,000
8D	Hedge/Member		Increase	USD	20,000	20,000	27,000	27,000
<b>CHICAGO ULSD (PLATTS) FUT (4C)</b>								
4C	Spec		Increase	USD	4,675	4,250	5,225	4,750
4C	Hedge/Member		Increase	USD	4,250	4,250	4,750	4,750
<b>CHICAGO UNLEADED GAS(PLATTS) S (2C)</b>								
2C	Spec		Increase	USD	4,400	4,000	5,225	4,750
2C	Hedge/Member		Increase	USD	4,000	4,000	4,750	4,750
<b>DALY EURO 1% FOIL CGOES FOB NWE FUT (FCN)</b>								
FCN	Spec		Increase	USD	1,375	1,250	1,925	1,750
FCN	Hedge/Member		Increase	USD	1,250	1,250	1,750	1,750
<b>DALY GAS EUROBOB OXY ARGS NWE BRGS (GBR)</b>								
GBR	Spec		Increase	USD	2,750	2,500	3,575	3,250
GBR	Hedge/Member		Increase	USD	2,500	2,500	3,250	3,250
<b>DIESEL 10PPM BARGES FOB BALMO (U7)</b>								
U7	Spec		Increase	USD	27,500	25,000	35,200	32,000
U7	Hedge/Member		Increase	USD	25,000	25,000	32,000	32,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>EIA FLAT TAX ONHWAY DIESEL FUT (A5)</b>								
A5	Spec	Mnth 1	Increase	USD	5,500	5,000	5,775	5,250
A5	Hedge/Member	Mnth 1	Increase	USD	5,000	5,000	5,250	5,250
A5	Spec	Mnths 2-6	Increase	USD	4,400	4,000	5,225	4,750
A5	Hedge/Member	Mnths 2-6	Increase	USD	4,000	4,000	4,750	4,750
A5	Spec	Mnths 7+	Increase	USD	3,850	3,500	4,675	4,250
A5	Hedge/Member	Mnths 7+	Increase	USD	3,500	3,500	4,250	4,250
<b>EIA FLAT TAX US RETAIL GASOLINE FUT (JE)</b>								
JE	Spec	Month 1	Increase	USD	5,775	5,250	6,600	6,000
JE	Hedge/Member	Month 1	Increase	USD	5,250	5,250	6,000	6,000
JE	Spec	Mths 2-7	Increase	USD	4,950	4,500	6,380	5,800
JE	Hedge/Member	Mths 2-7	Increase	USD	4,500	4,500	5,800	5,800
JE	Spec	Mths 8+	Increase	USD	4,180	3,800	5,500	5,000
JE	Hedge/Member	Mths 8+	Increase	USD	3,800	3,800	5,000	5,000
<b>EUR 1%FUEL OIL CARG FOB MED(PLATTS) (EFM)</b>								
EFM	Spec		Increase	USD	14,300	13,000	18,700	17,000
EFM	Hedge/Member		Increase	USD	13,000	13,000	17,000	17,000
<b>EUR3.5%FUEL OIL CARG FOB MED BALMO (EFF)</b>								
EFF	Spec		Increase	USD	19,250	17,500	26,950	24,500
EFF	Hedge/Member		Increase	USD	17,500	17,500	24,500	24,500
<b>EURO 1% FUEL OIL NEW BALMO (KX)</b>								
KX	Spec	Tier 1	Increase	USD	19,800	18,000	27,720	25,200
KX	Hedge/Member	Tier 1	Increase	USD	18,000	18,000	25,200	25,200
KX	Spec	Tier 2	Increase	USD	19,800	18,000	27,720	25,200
KX	Hedge/Member	Tier 2	Increase	USD	18,000	18,000	25,200	25,200
<b>EURO DIESEL 10 CAL FUT (GT)</b>								
GT	Spec		Increase	USD	25,850	23,500	35,530	32,300
GT	Hedge/Member		Increase	USD	23,500	23,500	32,300	32,300
<b>EUROBOB GAS10PPM BALMO (7S)</b>								
7S	Spec		Increase	USD	31,900	29,000	44,000	40,000
7S	Hedge/Member		Increase	USD	29,000	29,000	40,000	40,000
<b>EUROBOB GAS10PPM (PLTS) RD FOB (7P)</b>								
7P	Spec	Mnth 1	Increase	USD	33,000	30,000	39,050	35,500
7P	Hedge/Member	Mnth 1	Increase	USD	30,000	30,000	35,500	35,500
7P	Spec	Mnths 2+	Increase	USD	28,600	26,000	37,400	34,000
7P	Hedge/Member	Mnths 2+	Increase	USD	26,000	26,000	34,000	34,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>EUROPE 1% FUEL OIL NWE CALFUT (UF)</b>								
UF	Spec	Mnth 1	Increase	USD	20,350	18,500	27,500	25,000
UF	Hedge/Member	Mnth 1	Increase	USD	18,500	18,500	25,000	25,000
UF	Spec	Mnths 2-6	Increase	USD	20,350	18,500	27,500	25,000
UF	Hedge/Member	Mnths 2-6	Increase	USD	18,500	18,500	25,000	25,000
UF	Spec	Mnths 7+	Increase	USD	19,800	18,000	26,400	24,000
UF	Hedge/Member	Mnths 7+	Increase	USD	18,000	18,000	24,000	24,000
<b>EUROPE 1% FUEL OIL RDAM CALFUT (UH)</b>								
UH	Spec	Mnth 1	Increase	USD	19,250	17,500	23,650	21,500
UH	Hedge/Member	Mnth 1	Increase	USD	17,500	17,500	21,500	21,500
UH	Spec	Mnth 2	Increase	USD	19,250	17,500	23,100	21,000
UH	Hedge/Member	Mnth 2	Increase	USD	17,500	17,500	21,000	21,000
UH	Spec	Mnths 3-7	Increase	USD	18,700	17,000	22,550	20,500
UH	Hedge/Member	Mnths 3-7	Increase	USD	17,000	17,000	20,500	20,500
UH	Spec	Mnths 8+	Increase	USD	18,150	16,500	22,000	20,000
UH	Hedge/Member	Mnths 8+	Increase	USD	16,500	16,500	20,000	20,000
<b>EUROPE 3.5% FUEL OIL MED CALFUT (UI)</b>								
UI	Spec		Increase	USD	22,000	20,000	28,600	26,000
UI	Hedge/Member		Increase	USD	20,000	20,000	26,000	26,000
<b>EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)</b>								
UV	Spec	Mths 1	Increase	USD	20,460	18,600	26,400	24,000
UV	Hedge/Member	Mths 1	Increase	USD	18,600	18,600	24,000	24,000
UV	Spec	Mnths 2-6	Increase	USD	20,460	18,600	26,400	24,000
UV	Hedge/Member	Mnths 2-6	Increase	USD	18,600	18,600	24,000	24,000
UV	Spec	Mnths 7-10	Increase	USD	20,460	18,600	26,400	24,000
UV	Hedge/Member	Mnths 7-10	Increase	USD	18,600	18,600	24,000	24,000
UV	Spec	Mnths 11+	Increase	USD	19,800	18,000	24,750	22,500
UV	Hedge/Member	Mnths 11+	Increase	USD	18,000	18,000	22,500	22,500
<b>EUROPE JET KERO RDAM CALFUT (UR)</b>								
UR	Spec	Mnth 1	Increase	USD	22,000	20,000	30,800	28,000
UR	Hedge/Member	Mnth 1	Increase	USD	20,000	20,000	28,000	28,000
UR	Spec	Mnths 2+	Increase	USD	22,000	20,000	30,800	28,000
UR	Hedge/Member	Mnths 2+	Increase	USD	20,000	20,000	28,000	28,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>EUROPE NAPHTHA CALFUT (UN)</b>								
UN	Spec	Mths 1	Increase	USD	29,700	27,000	34,100	31,000
UN	Hedge/Member	Mths 1	Increase	USD	27,000	27,000	31,000	31,000
UN	Spec	Mths 2-6	Increase	USD	29,700	27,000	34,100	31,000
UN	Hedge/Member	Mths 2-6	Increase	USD	27,000	27,000	31,000	31,000
UN	Spec	Mnths 7+	Increase	USD	27,500	25,000	33,000	30,000
UN	Hedge/Member	Mnths 7+	Increase	USD	25,000	25,000	30,000	30,000
<b>EUROPEAN GASOIL ICE FUTURE (7F)</b>								
7F	Spec	Mnth 1	Increase	USD	2,475	2,250	3,300	3,000
7F	Hedge/Member	Mnth 1	Increase	USD	2,250	2,250	3,000	3,000
7F	Spec	Mnths 2-6	Increase	USD	2,365	2,150	3,190	2,900
7F	Hedge/Member	Mnths 2-6	Increase	USD	2,150	2,150	2,900	2,900
7F	Spec	Mnths 7-11	Increase	USD	2,090	1,900	2,860	2,600
7F	Hedge/Member	Mnths 7-11	Increase	USD	1,900	1,900	2,600	2,600
7F	Spec	Mnths 12+	Increase	USD	1,980	1,800	2,750	2,500
7F	Hedge/Member	Mnths 12+	Increase	USD	1,800	1,800	2,500	2,500
<b>EUROPEAN GASOIL ICE TAS FUTURE (7FT)</b>								
7FT	Spec	Mnth 1	Increase	USD	2,475	2,250	3,300	3,000
7FT	Hedge/Member	Mnth 1	Increase	USD	2,250	2,250	3,000	3,000
7FT	Spec	Mnths 2-6	Increase	USD	2,365	2,150	3,190	2,900
7FT	Hedge/Member	Mnths 2-6	Increase	USD	2,150	2,150	2,900	2,900
7FT	Spec	Mnths 7-11	Increase	USD	2,090	1,900	2,860	2,600
7FT	Hedge/Member	Mnths 7-11	Increase	USD	1,900	1,900	2,600	2,600
7FT	Spec	Mnths 12+	Increase	USD	1,980	1,800	2,750	2,500
7FT	Hedge/Member	Mnths 12+	Increase	USD	1,800	1,800	2,500	2,500
<b>EUROPEAN NAPHTHA BALMO (KZ)</b>								
KZ	Spec	Mnth 1	Increase	USD	28,600	26,000	31,900	29,000
KZ	Hedge/Member	Mnth 1	Increase	USD	26,000	26,000	29,000	29,000
KZ	Spec	Mnths 2+	Increase	USD	28,600	26,000	31,900	29,000
KZ	Hedge/Member	Mnths 2+	Increase	USD	26,000	26,000	29,000	29,000
<b>GAS EURO-BOB OXY (ARG) NEW BRG (7H)</b>								
7H	Spec	Mnth 1	Increase	USD	31,075	28,250	37,950	34,500
7H	Hedge/Member	Mnth 1	Increase	USD	28,250	28,250	34,500	34,500
7H	Spec	Mnths 2-6	Increase	USD	30,525	27,750	36,850	33,500
7H	Hedge/Member	Mnths 2-6	Increase	USD	27,750	27,750	33,500	33,500
7H	Spec	Mnths 7+	Increase	USD	28,600	26,000	35,200	32,000
7H	Hedge/Member	Mnths 7+	Increase	USD	26,000	26,000	32,000	32,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>GASOIL BULLET FUT (BG)</b>								
BG	Spec	Mnth 1	Increase	USD	24,750	22,500	33,000	30,000
BG	Hedge/Member	Mnth 1	Increase	USD	22,500	22,500	30,000	30,000
BG	Spec	Mnths 2-6	Increase	USD	23,650	21,500	31,900	29,000
BG	Hedge/Member	Mnths 2-6	Increase	USD	21,500	21,500	29,000	29,000
BG	Spec	Mnths 7-11	Increase	USD	20,900	19,000	28,600	26,000
BG	Hedge/Member	Mnths 7-11	Increase	USD	19,000	19,000	26,000	26,000
BG	Spec	Mnths 12+	Increase	USD	19,800	18,000	27,500	25,000
BG	Hedge/Member	Mnths 12+	Increase	USD	18,000	18,000	25,000	25,000
<b>GC ULSD ARGUS CAL FUT (AJ)</b>								
AJ	Spec		Increase	USD	4,125	3,750	4,675	4,250
AJ	Hedge/Member		Increase	USD	3,750	3,750	4,250	4,250
<b>GROUP THREE SUB-OCT GAS (PLATTS) (A9)</b>								
A9	Spec		Increase	USD	4,400	4,000	5,500	5,000
A9	Hedge/Member		Increase	USD	4,000	4,000	5,000	5,000
<b>GROUP THREE ULSD (PLATTS) FUT (A7)</b>								
A7	Spec	Mnth 1	Increase	USD	4,675	4,250	5,225	4,750
A7	Hedge/Member	Mnth 1	Increase	USD	4,250	4,250	4,750	4,750
A7	Spec	Mnths 2-6	Increase	USD	3,850	3,500	4,675	4,250
A7	Hedge/Member	Mnths 2-6	Increase	USD	3,500	3,500	4,250	4,250
A7	Spec	Mnths 7+	Increase	USD	3,850	3,500	4,675	4,250
A7	Hedge/Member	Mnths 7+	Increase	USD	3,500	3,500	4,250	4,250
<b>GULF COAST HEATING OIL CLNDR FUT (GP)</b>								
GP	Spec		Increase	USD	3,520	3,200	4,400	4,000
GP	Hedge/Member		Increase	USD	3,200	3,200	4,000	4,000
<b>GULF COAST HSFO (PLATTS) FUTURES (MF)</b>								
MF	Spec	Mnth 1	Increase	USD	3,410	3,100	4,400	4,000
MF	Hedge/Member	Mnth 1	Increase	USD	3,100	3,100	4,000	4,000
MF	Spec	Mnths 2-6	Increase	USD	3,410	3,100	4,400	4,000
MF	Hedge/Member	Mnths 2-6	Increase	USD	3,100	3,100	4,000	4,000
MF	Spec	Mnths 7-24	Increase	USD	3,300	3,000	4,125	3,750
MF	Hedge/Member	Mnths 7-24	Increase	USD	3,000	3,000	3,750	3,750
MF	Spec	Mnths 25+	Increase	USD	3,025	2,750	3,575	3,250
MF	Hedge/Member	Mnths 25+	Increase	USD	2,750	2,750	3,250	3,250

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>GULF COAST JET FUEL CLNDR FUT (GE)</b>								
GE	Spec	Mnth 1	Increase	USD	4,070	3,700	4,950	4,500
GE	Hedge/Member	Mnth 1	Increase	USD	3,700	3,700	4,500	4,500
GE	Spec	Mnths 2-6	Increase	USD	4,070	3,700	4,950	4,500
GE	Hedge/Member	Mnths 2-6	Increase	USD	3,700	3,700	4,500	4,500
GE	Spec	Mnths 7+	Increase	USD	3,850	3,500	4,675	4,250
GE	Hedge/Member	Mnths 7+	Increase	USD	3,500	3,500	4,250	4,250
<b>GULF COAST ULSD CALENDAR FUT (LY)</b>								
LY	Spec	Mnth 1	Increase	USD	3,850	3,500	4,400	4,000
LY	Hedge/Member	Mnth 1	Increase	USD	3,500	3,500	4,000	4,000
LY	Spec	Mnths 2-6	Increase	USD	3,850	3,500	4,400	4,000
LY	Hedge/Member	Mnths 2-6	Increase	USD	3,500	3,500	4,000	4,000
LY	Spec	Mnths 7-12	Increase	USD	3,300	3,000	4,180	3,800
LY	Hedge/Member	Mnths 7-12	Increase	USD	3,000	3,000	3,800	3,800
LY	Spec	Mnths 13+	Increase	USD	3,300	3,000	3,960	3,600
LY	Hedge/Member	Mnths 13+	Increase	USD	3,000	3,000	3,600	3,600
<b>GULF CST CBOB GAS PLATTS A2 FUTURES (CRG)</b>								
CRG	Spec	Mnth 1	Increase	USD	4,400	4,000	5,775	5,250
CRG	Hedge/Member	Mnth 1	Increase	USD	4,000	4,000	5,250	5,250
CRG	Spec	Mnth 2	Increase	USD	4,400	4,000	5,775	5,250
CRG	Hedge/Member	Mnth 2	Increase	USD	4,000	4,000	5,250	5,250
CRG	Spec	Mnths 3+	Increase	USD	4,400	4,000	5,775	5,250
CRG	Hedge/Member	Mnths 3+	Increase	USD	4,000	4,000	5,250	5,250
<b>JAPAN C&amp;F NAPHTHA FUT (JA)</b>								
JA	Spec	Mnth 1	Increase	USD	28,600	26,000	37,180	33,800
JA	Hedge/Member	Mnth 1	Increase	USD	26,000	26,000	33,800	33,800
JA	Spec	Mnths 2-6	Increase	USD	28,600	26,000	37,180	33,800
JA	Hedge/Member	Mnths 2-6	Increase	USD	26,000	26,000	33,800	33,800
JA	Spec	Mnths 7+	Increase	USD	27,500	25,000	34,100	31,000
JA	Hedge/Member	Mnths 7+	Increase	USD	25,000	25,000	31,000	31,000
<b>JAPAN NAPHTHA BALMO FUT (E6)</b>								
E6	Spec		Increase	USD	24,200	22,000	33,880	30,800
E6	Hedge/Member		Increase	USD	22,000	22,000	30,800	30,800
<b>JET AVIA FUEL(PLTT) CRGS FOB M (1T)</b>								
1T	Spec		Increase	USD	30,800	28,000	36,300	33,000
1T	Hedge/Member		Increase	USD	28,000	28,000	33,000	33,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>LA CARB DIESEL (OPIS) (LX)</b>								
LX	Spec	Mnth 1	Increase	USD	4,125	3,750	4,950	4,500
LX	Hedge/Member	Mnth 1	Increase	USD	3,750	3,750	4,500	4,500
LX	Spec	Mnths 2-6	Increase	USD	4,125	3,750	4,950	4,500
LX	Hedge/Member	Mnths 2-6	Increase	USD	3,750	3,750	4,500	4,500
LX	Spec	Mnths 7+	Increase	USD	4,125	3,750	4,950	4,500
LX	Hedge/Member	Mnths 7+	Increase	USD	3,750	3,750	4,500	4,500
<b>MIDDLE EAST GASOIL ARAB GULF (MPE)</b>								
MPE	Spec	Mnth 1	Increase	USD	3,630	3,300	4,950	4,500
MPE	Hedge/Member	Mnth 1	Increase	USD	3,300	3,300	4,500	4,500
MPE	Spec	Mnths 2-6	Increase	USD	3,960	3,600	4,675	4,250
MPE	Hedge/Member	Mnths 2-6	Increase	USD	3,600	3,600	4,250	4,250
MPE	Spec	Mnths 7+	Increase	USD	3,080	2,800	3,960	3,600
MPE	Hedge/Member	Mnths 7+	Increase	USD	2,800	2,800	3,600	3,600
<b>MIN 1% FUEL OIL CIF CARGOES FUTURES (MFP)</b>								
MFP	Spec		Increase	USD	1,953	1,775	2,640	2,400
MFP	Hedge/Member		Increase	USD	1,775	1,775	2,400	2,400
<b>MIN EUR 1% FUEL OIL CRGO FOBNWE FUT (OB)</b>								
OB	Spec	Mnth 1	Increase	USD	2,035	1,850	2,750	2,500
OB	Hedge/Member	Mnth 1	Increase	USD	1,850	1,850	2,500	2,500
OB	Spec	Mnths 2-6	Increase	USD	2,035	1,850	2,750	2,500
OB	Hedge/Member	Mnths 2-6	Increase	USD	1,850	1,850	2,500	2,500
OB	Spec	Mnths 7+	Increase	USD	1,980	1,800	2,640	2,400
OB	Hedge/Member	Mnths 7+	Increase	USD	1,800	1,800	2,400	2,400
<b>MIN EURO NPHTHA CIF NWE FUT (MNC)</b>								
MNC	Spec	Mths 1	Increase	USD	2,970	2,700	3,410	3,100
MNC	Hedge/Member	Mths 1	Increase	USD	2,700	2,700	3,100	3,100
MNC	Spec	Mths 2-6	Increase	USD	2,970	2,700	3,410	3,100
MNC	Hedge/Member	Mths 2-6	Increase	USD	2,700	2,700	3,100	3,100
MNC	Spec	Mnths 7+	Increase	USD	2,750	2,500	3,300	3,000
MNC	Hedge/Member	Mnths 7+	Increase	USD	2,500	2,500	3,000	3,000
<b>MIN JAPAN C&amp;F NAPHTHA PLATTS FUT (MJN)</b>								
MJN	Spec	Mnth 1	Increase	USD	2,860	2,600	3,718	3,380
MJN	Hedge/Member	Mnth 1	Increase	USD	2,600	2,600	3,380	3,380
MJN	Spec	Mnths 2-6	Increase	USD	2,860	2,600	3,718	3,380
MJN	Hedge/Member	Mnths 2-6	Increase	USD	2,600	2,600	3,380	3,380
MJN	Spec	Mnths 7+	Increase	USD	2,750	2,500	3,410	3,100
MJN	Hedge/Member	Mnths 7+	Increase	USD	2,500	2,500	3,100	3,100

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>MIN SPORE FUELOIL380CST(PLTS) BALMO (MTB)</b>								
MTB	Spec	Tier 1	Increase	USD	1,980	1,800	2,365	2,150
MTB	Hedge/Member	Tier 1	Increase	USD	1,800	1,800	2,150	2,150
MTB	Spec	Tier 2	Increase	USD	1,980	1,800	2,365	2,150
MTB	Hedge/Member	Tier 2	Increase	USD	1,800	1,800	2,150	2,150
<b>MINEUR1%FUEL OIL CRGO FOB NWE BALMO (0C)</b>								
0C	Spec	Tier 1	Increase	USD	1,980	1,800	2,772	2,520
0C	Hedge/Member	Tier 1	Increase	USD	1,800	1,800	2,520	2,520
0C	Spec	Tier 2	Increase	USD	1,980	1,800	2,772	2,520
0C	Hedge/Member	Tier 2	Increase	USD	1,800	1,800	2,520	2,520
<b>MINI 1% FUEL OIL CAR MED FUT (MFD)</b>								
MFD	Spec		Increase	USD	1,430	1,300	1,870	1,700
MFD	Hedge/Member		Increase	USD	1,300	1,300	1,700	1,700
<b>MINI 3.5% FUEL OIL CAR MED FUT (MMF)</b>								
MMF	Spec		Increase	USD	2,200	2,000	2,860	2,600
MMF	Hedge/Member		Increase	USD	2,000	2,000	2,600	2,600
<b>MINI EURO 1% FUEL OIL FOBRDM FUT (T0)</b>								
T0	Spec	Mnth 1	Increase	USD	1,925	1,750	2,365	2,150
T0	Hedge/Member	Mnth 1	Increase	USD	1,750	1,750	2,150	2,150
T0	Spec	Mnth 2	Increase	USD	1,925	1,750	2,310	2,100
T0	Hedge/Member	Mnth 2	Increase	USD	1,750	1,750	2,100	2,100
T0	Spec	Mnths 3-7	Increase	USD	1,870	1,700	2,255	2,050
T0	Hedge/Member	Mnths 3-7	Increase	USD	1,700	1,700	2,050	2,050
T0	Spec	Mnths 8+	Increase	USD	1,815	1,650	2,200	2,000
T0	Hedge/Member	Mnths 8+	Increase	USD	1,650	1,650	2,000	2,000
<b>MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)</b>								
0D	Spec	Mths 1	Increase	USD	2,046	1,860	2,640	2,400
0D	Hedge/Member	Mths 1	Increase	USD	1,860	1,860	2,400	2,400
0D	Spec	Mnths 2-6	Increase	USD	2,046	1,860	2,640	2,400
0D	Hedge/Member	Mnths 2-6	Increase	USD	1,860	1,860	2,400	2,400
0D	Spec	Mnths 7-10	Increase	USD	2,046	1,860	2,640	2,400
0D	Hedge/Member	Mnths 7-10	Increase	USD	1,860	1,860	2,400	2,400
0D	Spec	Mnths 11+	Increase	USD	1,980	1,800	2,475	2,250
0D	Hedge/Member	Mnths 11+	Increase	USD	1,800	1,800	2,250	2,250

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>MINI EURO NAPHTHA BALMO FUT (MEN)</b>								
MEN	Spec	Mnth 1	Increase	USD	2,860	2,600	3,190	2,900
MEN	Hedge/Member	Mnth 1	Increase	USD	2,600	2,600	2,900	2,900
MEN	Spec	Mnths 2+	Increase	USD	2,860	2,600	3,190	2,900
MEN	Hedge/Member	Mnths 2+	Increase	USD	2,600	2,600	2,900	2,900
<b>MINI GAS EUROBOB OXY BARGES FUT (MEO)</b>								
MEO	Spec	Mnth 1	Increase	USD	31,075	28,250	37,950	34,500
MEO	Hedge/Member	Mnth 1	Increase	USD	28,250	28,250	34,500	34,500
MEO	Spec	Mnths 2-6	Increase	USD	30,525	27,750	36,850	33,500
MEO	Hedge/Member	Mnths 2-6	Increase	USD	27,750	27,750	33,500	33,500
MEO	Spec	Mnths 7+	Increase	USD	28,600	26,000	35,200	32,000
MEO	Hedge/Member	Mnths 7+	Increase	USD	26,000	26,000	32,000	32,000
<b>MINI JAPAN NAPHTHA BALMO FUT (E6M)</b>								
E6M	Spec		Increase	USD	2,420	2,200	3,388	3,080
E6M	Hedge/Member		Increase	USD	2,200	2,200	3,080	3,080
<b>MINI NAPHTHA CARGOES CIF NWE ARGUS (NCF)</b>								
NCF	Spec	Mths 1	Increase	USD	2,420	2,200	3,300	3,000
NCF	Hedge/Member	Mths 1	Increase	USD	2,200	2,200	3,000	3,000
NCF	Spec	Mths 2-6	Increase	USD	2,420	2,200	3,300	3,000
NCF	Hedge/Member	Mths 2-6	Increase	USD	2,200	2,200	3,000	3,000
<b>MINI SINGAPORE 380CST FUEL OIL FUT (MTS)</b>								
MTS	Spec	Mnth 1	Increase	USD	2,228	2,025	2,530	2,300
MTS	Hedge/Member	Mnth 1	Increase	USD	2,025	2,025	2,300	2,300
MTS	Spec	Mnths 2-6	Increase	USD	2,079	1,890	2,530	2,300
MTS	Hedge/Member	Mnths 2-6	Increase	USD	1,890	1,890	2,300	2,300
MTS	Spec	Mnths 7-13	Increase	USD	2,046	1,860	2,475	2,250
MTS	Hedge/Member	Mnths 7-13	Increase	USD	1,860	1,860	2,250	2,250
MTS	Spec	Mnths 14+	Increase	USD	1,848	1,680	2,310	2,100
MTS	Hedge/Member	Mnths 14+	Increase	USD	1,680	1,680	2,100	2,100
<b>MINI SINGAPORE GASOIL PLATS FUTURES (MSG)</b>								
MSG	Spec	Mnth 1	Increase	USD	319	290	413	375
MSG	Hedge/Member	Mnth 1	Increase	USD	290	290	375	375
MSG	Spec	Mnths 2-6	Increase	USD	374	340	413	375
MSG	Hedge/Member	Mnths 2-6	Increase	USD	340	340	375	375
MSG	Spec	Mnths 7+	Increase	USD	358	325	385	350
MSG	Hedge/Member	Mnths 7+	Increase	USD	325	325	350	350

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>MINI SINGP FUEL OIL 180CST FUTURES (0F)</b>								
0F	Spec	Mnth 1	Increase	USD	2,145	1,950	2,778	2,525
0F	Hedge/Member	Mnth 1	Increase	USD	1,950	1,950	2,525	2,525
0F	Spec	Mnth 2	Increase	USD	2,145	1,950	2,750	2,500
0F	Hedge/Member	Mnth 2	Increase	USD	1,950	1,950	2,500	2,500
0F	Spec	Mnths 3-7	Increase	USD	2,063	1,875	2,695	2,450
0F	Hedge/Member	Mnths 3-7	Increase	USD	1,875	1,875	2,450	2,450
0F	Spec	Mnths 8+	Increase	USD	2,063	1,875	2,640	2,400
0F	Hedge/Member	Mnths 8+	Increase	USD	1,875	1,875	2,400	2,400
<b>MINI SINGP FUELOIL 180 BALMO FUT (5L)</b>								
5L	Spec	Mnth 1	Increase	USD	2,365	2,150	3,300	3,000
5L	Hedge/Member	Mnth 1	Increase	USD	2,150	2,150	3,000	3,000
5L	Spec	Mnths 2+	Increase	USD	2,365	2,150	3,300	3,000
5L	Hedge/Member	Mnths 2+	Increase	USD	2,150	2,150	3,000	3,000
<b>MOGAS92 UNLEADED (PLATTS) FUT (1N)</b>								
1N	Spec	Mnth 2	Increase	USD	4,125	3,750	4,840	4,400
1N	Hedge/Member	Mnth 2	Increase	USD	3,750	3,750	4,400	4,400
1N	Spec	Mnth 1	Increase	USD	4,125	3,750	4,840	4,400
1N	Hedge/Member	Mnth 1	Increase	USD	3,750	3,750	4,400	4,400
1N	Spec	Mnths 3+	Increase	USD	4,070	3,700	4,730	4,300
1N	Hedge/Member	Mnths 3+	Increase	USD	3,700	3,700	4,300	4,300
<b>NEW YORK 0.3% FUEL OIL HIPR FUT (8N)</b>								
8N	Spec		Increase	USD	3,300	3,000	3,850	3,500
8N	Hedge/Member		Increase	USD	3,000	3,000	3,500	3,500
<b>NEW YORK ULSD (ARGUS) FUT (5Y)</b>								
5Y	Spec		Increase	USD	4,400	4,000	5,225	4,750
5Y	Hedge/Member		Increase	USD	4,000	4,000	4,750	4,750
<b>NY 2.2% FUEL OIL (PLATTS) FUT (Y3)</b>								
Y3	Spec		Increase	USD	3,300	3,000	4,125	3,750
Y3	Hedge/Member		Increase	USD	3,000	3,000	3,750	3,750
<b>NY 3.0% FUEL OIL (PLATTS) FUT (H1)</b>								
H1	Spec		Increase	USD	3,740	3,400	4,400	4,000
H1	Hedge/Member		Increase	USD	3,400	3,400	4,000	4,000
<b>NY BUCKEYE JET FUEL (PLATTS) FUTURE (BUC)</b>								
BUC	Spec		Increase	USD	4,400	4,000	5,500	5,000
BUC	Hedge/Member		Increase	USD	4,000	4,000	5,000	5,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>NY HARBOR RESIDUAL FUEL 1.0% S FUT (MM)</b>								
MM	Spec	Mnth 1	Increase	USD	3,300	3,000	4,400	4,000
MM	Hedge/Member	Mnth 1	Increase	USD	3,000	3,000	4,000	4,000
MM	Spec	Mnths 2-6	Increase	USD	3,300	3,000	4,400	4,000
MM	Hedge/Member	Mnths 2-6	Increase	USD	3,000	3,000	4,000	4,000
MM	Spec	Mnths 7+	Increase	USD	3,080	2,800	4,180	3,800
MM	Hedge/Member	Mnths 7+	Increase	USD	2,800	2,800	3,800	3,800
<b>NY ULTRA LOW S DIESEL CAL FUT (YS)</b>								
YS	Spec		Increase	USD	4,400	4,000	5,225	4,750
YS	Hedge/Member		Increase	USD	4,000	4,000	4,750	4,750
<b>PREM UNL GAS 10 PPM (PLTS) RDM (7L)</b>								
7L	Spec		Increase	USD	35,200	32,000	42,900	39,000
7L	Hedge/Member		Increase	USD	32,000	32,000	39,000	39,000
<b>PREMIUM UNLD 10P FOB MED FUT (3G)</b>								
3G	Spec	Mnth 1	Increase	USD	35,420	32,200	48,400	44,000
3G	Hedge/Member	Mnth 1	Increase	USD	32,200	32,200	44,000	44,000
3G	Spec	Mnths 2+	Increase	USD	35,420	32,200	45,100	41,000
3G	Hedge/Member	Mnths 2+	Increase	USD	32,200	32,200	41,000	41,000
<b>PREMIUM UNLD 10PPM CARGOES CIF (4G)</b>								
4G	Spec		Increase	USD	25,300	23,000	33,000	30,000
4G	Hedge/Member		Increase	USD	23,000	23,000	30,000	30,000
<b>RBOB (PLATTS) CAL FUT (RY)</b>								
RY	Spec		Increase	USD	4,510	4,100	5,500	5,000
RY	Hedge/Member		Increase	USD	4,100	4,100	5,000	5,000
<b>SINGAPORE 180CST BALMO (BS)</b>								
BS	Spec	Mnth 1	Increase	USD	23,650	21,500	33,000	30,000
BS	Hedge/Member	Mnth 1	Increase	USD	21,500	21,500	30,000	30,000
BS	Spec	Mnths 2+	Increase	USD	23,650	21,500	33,000	30,000
BS	Hedge/Member	Mnths 2+	Increase	USD	21,500	21,500	30,000	30,000
<b>SINGAPORE 380CST BALMO (BT)</b>								
BT	Spec	Tier 1	Increase	USD	19,800	18,000	23,650	21,500
BT	Hedge/Member	Tier 1	Increase	USD	18,000	18,000	21,500	21,500
BT	Spec	Tier 2	Increase	USD	19,800	18,000	23,650	21,500
BT	Hedge/Member	Tier 2	Increase	USD	18,000	18,000	21,500	21,500

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>SINGAPORE 380CST FUEL OIL FUT (SE)</b>								
SE	Spec	Mnth 1	Increase	USD	22,275	20,250	25,300	23,000
SE	Hedge/Member	Mnth 1	Increase	USD	20,250	20,250	23,000	23,000
SE	Spec	Mnths 2-6	Increase	USD	20,790	18,900	25,300	23,000
SE	Hedge/Member	Mnths 2-6	Increase	USD	18,900	18,900	23,000	23,000
SE	Spec	Mnths 7-13	Increase	USD	20,460	18,600	24,750	22,500
SE	Hedge/Member	Mnths 7-13	Increase	USD	18,600	18,600	22,500	22,500
SE	Spec	Mnths 14+	Increase	USD	18,480	16,800	23,100	21,000
SE	Hedge/Member	Mnths 14+	Increase	USD	16,800	16,800	21,000	21,000
<b>SINGAPORE FUEL 180CST CALFUT (UA)</b>								
UA	Spec	Mnth 1	Increase	USD	21,450	19,500	27,775	25,250
UA	Hedge/Member	Mnth 1	Increase	USD	19,500	19,500	25,250	25,250
UA	Spec	Mnth 2	Increase	USD	21,450	19,500	27,500	25,000
UA	Hedge/Member	Mnth 2	Increase	USD	19,500	19,500	25,000	25,000
UA	Spec	Mnths 3-7	Increase	USD	20,625	18,750	26,950	24,500
UA	Hedge/Member	Mnths 3-7	Increase	USD	18,750	18,750	24,500	24,500
UA	Spec	Mnths 8+	Increase	USD	20,625	18,750	26,400	24,000
UA	Hedge/Member	Mnths 8+	Increase	USD	18,750	18,750	24,000	24,000
<b>SINGAPORE GASOIL FUT (SG)</b>								
SG	Spec	Mnth 1	Increase	USD	3,190	2,900	4,125	3,750
SG	Hedge/Member	Mnth 1	Increase	USD	2,900	2,900	3,750	3,750
SG	Spec	Mnths 2-6	Increase	USD	3,740	3,400	4,125	3,750
SG	Hedge/Member	Mnths 2-6	Increase	USD	3,400	3,400	3,750	3,750
SG	Spec	Mnths 7+	Increase	USD	3,575	3,250	3,850	3,500
SG	Hedge/Member	Mnths 7+	Increase	USD	3,250	3,250	3,500	3,500
<b>SINGAPORE JET KEROSENE FUT (KS)</b>								
KS	Spec	Mnth 1	Increase	USD	3,630	3,300	4,538	4,125
KS	Hedge/Member	Mnth 1	Increase	USD	3,300	3,300	4,125	4,125
KS	Spec	Mnths 2-6	Increase	USD	3,630	3,300	4,400	4,000
KS	Hedge/Member	Mnths 2-6	Increase	USD	3,300	3,300	4,000	4,000
KS	Spec	Mnths 7+	Increase	USD	3,465	3,150	4,125	3,750
KS	Hedge/Member	Mnths 7+	Increase	USD	3,150	3,150	3,750	3,750
<b>SINGAPORE MOGAS 95 BALMO FUT (W0)</b>								
W0	Spec		Increase	USD	4,400	4,000	6,188	5,625
W0	Hedge/Member		Increase	USD	4,000	4,000	5,625	5,625

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>SINGAPORE MOGAS 95 FUT (V0)</b>								
V0	Spec	Mnth 1	Increase	USD	4,125	3,750	4,950	4,500
V0	Hedge/Member	Mnth 1	Increase	USD	3,750	3,750	4,500	4,500
V0	Spec	Mnths 2+	Increase	USD	4,125	3,750	4,950	4,500
V0	Hedge/Member	Mnths 2+	Increase	USD	3,750	3,750	4,500	4,500
<b>SINGAPORE MOGAS 97 FUT (X0)</b>								
X0	Spec		Increase	USD	3,575	3,250	4,565	4,150
X0	Hedge/Member		Increase	USD	3,250	3,250	4,150	4,150
<b>SINGAPORE NAPHTHA FUT (SP)</b>								
SP	Spec		Increase	USD	2,750	2,500	3,850	3,500
SP	Hedge/Member		Increase	USD	2,500	2,500	3,500	3,500
<b>SYNTHET GULF COAST NO.6 FUEL OIL 3 (SMF)</b>								
SMF	Spec	Mnth 1	Increase	USD	3,410	3,100	4,400	4,000
SMF	Hedge/Member	Mnth 1	Increase	USD	3,100	3,100	4,000	4,000
SMF	Spec	Mnths 2-6	Increase	USD	3,410	3,100	4,400	4,000
SMF	Hedge/Member	Mnths 2-6	Increase	USD	3,100	3,100	4,000	4,000
SMF	Spec	Mnths 7-24	Increase	USD	3,300	3,000	4,125	3,750
SMF	Hedge/Member	Mnths 7-24	Increase	USD	3,000	3,000	3,750	3,750
SMF	Spec	Months 25+	Increase	USD	3,025	2,750	3,575	3,250
SMF	Hedge/Member	Months 25+	Increase	USD	2,750	2,750	3,250	3,250
<b>SYNTHETI SINGAPORE JET KEROSENE FUT (SKS)</b>								
SKS	Spec	Mnth 1	Increase	USD	3,630	3,300	4,538	4,125
SKS	Hedge/Member	Mnth 1	Increase	USD	3,300	3,300	4,125	4,125
SKS	Spec	Mnths 2-6	Increase	USD	3,630	3,300	4,400	4,000
SKS	Hedge/Member	Mnths 2-6	Increase	USD	3,300	3,300	4,000	4,000
SKS	Spec	Mnths 7+	Increase	USD	3,465	3,150	4,125	3,750
SKS	Hedge/Member	Mnths 7+	Increase	USD	3,150	3,150	3,750	3,750
<b>SYNTHETIC GASOIL BULLET FUT (SBG)</b>								
SBG	Spec	Mnth 1	Increase	USD	24,750	22,500	33,000	30,000
SBG	Hedge/Member	Mnth 1	Increase	USD	22,500	22,500	30,000	30,000
SBG	Spec	Mnths 2-6	Increase	USD	23,650	21,500	31,900	29,000
SBG	Hedge/Member	Mnths 2-6	Increase	USD	21,500	21,500	29,000	29,000
SBG	Spec	Mnths 7-11	Increase	USD	20,900	19,000	28,600	26,000
SBG	Hedge/Member	Mnths 7-11	Increase	USD	19,000	19,000	26,000	26,000
SBG	Spec	Mnths 12+	Increase	USD	19,800	18,000	27,500	25,000
SBG	Hedge/Member	Mnths 12+	Increase	USD	18,000	18,000	25,000	25,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>SYNTHETIC SINGAPORE GASOIL FUT (SSG)</b>								
SSG	Spec	Mnth 1	Increase	USD	3,190	2,900	4,125	3,750
SSG	Hedge/Member	Mnth 1	Increase	USD	2,900	2,900	3,750	3,750
SSG	Spec	Mnths 2-6	Increase	USD	3,740	3,400	4,125	3,750
SSG	Hedge/Member	Mnths 2-6	Increase	USD	3,400	3,400	3,750	3,750
SSG	Spec	Mnths 7+	Increase	USD	3,575	3,250	3,850	3,500
SSG	Hedge/Member	Mnths 7+	Increase	USD	3,250	3,250	3,500	3,500
<b>ULSD 10PPM CARGOES CIF NWE S (TY)</b>								
TY	Spec		Increase	USD	23,100	21,000	28,600	26,000
TY	Hedge/Member		Increase	USD	21,000	21,000	26,000	26,000
<b>ULSD 10PPM CIF MED FUT (Z6)</b>								
Z6	Spec		Increase	USD	27,500	25,000	36,025	32,750
Z6	Hedge/Member		Increase	USD	25,000	25,000	32,750	32,750

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>CRUDE OIL - Intra Spreads</b>								
<b>Calendar-Spread-DC-0013-DC-0014 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	143	130	198	180
DC	Hedge/Member		Increase	USD	130	130	180	180
<b>Calendar-Spread-DC-0013-DC-0014 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	14	13	20	18
DBL	Hedge/Member		Increase	USD	13	13	18	18
<b>Calendar-Spread-DC-0016-DC-0017 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0016-DC-0017 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0017-DC-0018 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0017-DC-0018 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0019-DC-0020 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0019-DC-0020 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0020-DC-0021 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0020-DC-0021 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0021-DC-0022 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Calendar-Spread-DC-0021-DC-0022 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0022-DC-0023 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0022-DC-0023 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0023-DC-0024 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0023-DC-0024 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0024-DC-0025 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0024-DC-0025 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0026-DC-0027 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0026-DC-0027 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0027-DC-0028 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0027-DC-0028 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Calendar-Spread-DC-0029-DC-0030 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0029-DC-0030 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0030-DC-0031 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0030-DC-0031 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0031-DC-0032 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0031-DC-0032 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0032-DC-0033 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0032-DC-0033 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0033-DC-0034 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-0033-DC-0034 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-0034-DC-0035 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Calendar-Spread-DC-0034-DC-0035 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-003-DC-004 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	154	140	220	200
DC	Hedge/Member		Increase	USD	140	140	200	200
<b>Calendar-Spread-DC-003-DC-004 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	15	14	22	20
DBL	Hedge/Member		Increase	USD	14	14	20	20
<b>Calendar-Spread-DC-003-DC-005 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	176	160	264	240
DC	Hedge/Member		Increase	USD	160	160	240	240
<b>Calendar-Spread-DC-003-DC-005 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	18	16	26	24
DBL	Hedge/Member		Increase	USD	16	16	24	24
<b>Calendar-Spread-DC-003-DC-006 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	132	120	198	180
DC	Hedge/Member		Increase	USD	120	120	180	180
<b>Calendar-Spread-DC-003-DC-006 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	13	12	20	18
DBL	Hedge/Member		Increase	USD	12	12	18	18
<b>Calendar-Spread-DC-004-DC-005 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	220	200	286	260
DC	Hedge/Member		Increase	USD	200	200	260	260
<b>Calendar-Spread-DC-004-DC-005 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	22	20	29	26
DBL	Hedge/Member		Increase	USD	20	20	26	26
<b>Calendar-Spread-DC-004-DC-006 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	165	150	242	220
DC	Hedge/Member		Increase	USD	150	150	220	220
<b>Calendar-Spread-DC-004-DC-006 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	17	15	24	22
DBL	Hedge/Member		Increase	USD	15	15	22	22

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Calendar-Spread-DC-005-DC-006 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	55	50	110	100
DC	Hedge/Member		Increase	USD	50	50	100	100
<b>Calendar-Spread-DC-005-DC-006 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	6	5	11	10
DBL	Hedge/Member		Increase	USD	5	5	10	10
<b>Calendar-Spread-DC-006-DC-007 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	154	140	220	200
DC	Hedge/Member		Increase	USD	140	140	200	200
<b>Calendar-Spread-DC-006-DC-007 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	15	14	22	20
DBL	Hedge/Member		Increase	USD	14	14	20	20
<b>Calendar-Spread-DC-007-DC-008 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	143	130	220	200
DC	Hedge/Member		Increase	USD	130	130	200	200
<b>Calendar-Spread-DC-007-DC-008 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	14	13	22	20
DBL	Hedge/Member		Increase	USD	13	13	20	20
<b>Calendar-Spread-DC-009-DC-0010 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	88	80	132	120
DC	Hedge/Member		Increase	USD	80	80	120	120
<b>Calendar-Spread-DC-009-DC-0010 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	9	8	13	12
DBL	Hedge/Member		Increase	USD	8	8	12	12
<b>Dubai Crude Oil (NY-DC) - 1 Month Butterfly Months 9 - 11 (DUBAI CRUDE OIL CALENDAR FUT)</b>								
DC	Spec		Increase	USD	110	100	165	150
DC	Hedge/Member		Increase	USD	100	100	150	150
<b>Dubai Crude Oil (NY-DC) - 1 Month Butterfly Months 9 - 11 (MINI DUBAI CRUDE OIL (PLATTS) FUT)</b>								
DBL	Spec		Increase	USD	11	10	17	15
DBL	Hedge/Member		Increase	USD	10	10	15	15

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Old Ratio	New Ratio	Initial	Maintenance
<b>Inter-commodity Spread Rates</b>					
<b>AGRICULTURE - Inter-commodity Spread Rates</b>					
<b>Milk (DA) vs. CME Dry Whey Futures (DY)</b>					
Spread	Ratio Change	+1:-4	+1:-1	35%	35%

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Volatility Scan (volScan) Rate</b>						
<b>CRUDE OIL - Volatility Scan (volScan) Rate</b>						
<b>CRUDE OIL FINANCIAL FUTURES (MCL, QM, WS) - volScan</b>						
Clearing Member Rate	Mnth2	Increase		13.000%		15.000%
<b>CRUDE OIL LAST DAY FINANCIAL FUTURES (26, S26) - volScan</b>						
Clearing Member Rate	Mnth2	Increase		13.000%		15.000%
<b>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</b>						
Clearing Member Rate	Mnth2	Increase		13.000%		15.000%
<b>WTI CALENDAR SWAP FUTURES (AO, CS) - volScan</b>						
Clearing Member Rate	Mnth2	Increase		13.000%		15.000%
<b>NGL/PETROCHEMICALS - Volatility Scan (volScan) Rate</b>						
<b>PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (1R) - volScan</b>						
Clearing Member Rate	Mnth 10+	New				0.025