



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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, March 09, 2017

To receive advanced notification of Performance Bond (margin) changes, through our free automated mailing list, go to

<http://www.cmegroup.com/newsletter/web2lead/web2sf-old.html>

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As per the normal review of market volatility to ensure adequate collateral coverage, the Chicago Mercantile Exchange Inc., Clearing House Risk Management staff approved the performance bond requirements for the following products listed below.

The rates will be effective after the close of business on

Friday, March 10, 2017.

Current rates as of:

Thursday, March 09, 2017.

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

The Short Option Minimum (SOM) is a charge that is applied only to portfolios concentrated in short options that do not generate a minimum margin requirement level when margins are calculated using the normal 16 SPAN scenarios. The SOM charge per short calls or short puts is a percentage of the outright margin on one underlying futures contract. The advisory includes changes to certain products' splitting methodology from None to Modified Split. The specific products can be found on page 31 of the advisory.

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								
CRUDE OIL - Outright Rates								
ARGUS LLS TRADE MONTH FUT (A4)								
A4	Spec		Decrease	USD	6,050	5,500	3,850	3,500
A4	Hedge/Member		Decrease	USD	5,500	5,500	3,500	3,500
ARGUS SOUR CRUDE IDX CAL MTH FUT (37)								
37	Spec		Decrease	USD	5,500	5,000	3,850	3,500
37	Hedge/Member		Decrease	USD	5,000	5,000	3,500	3,500
ARGUS SOUR CRUDE IND WGT(ASCI) TRD (29)								
29	Spec		Decrease	USD	5,500	5,000	3,850	3,500
29	Hedge/Member		Decrease	USD	5,000	5,000	3,500	3,500
ARGUS WTI FORMULA BASIS CAL FUT (39)								
39	Spec		Decrease	USD	5,500	5,000	3,850	3,500
39	Hedge/Member		Decrease	USD	5,000	5,000	3,500	3,500
DAILY WTI CALENDAR FUT (DCL)								
DCL	Spec		Decrease	USD	7,150	6,500	3,850	3,500
DCL	Hedge/Member		Decrease	USD	6,500	6,500	3,500	3,500
DATED BRENT (PLATTS) DAILY FUT (7G)								
7G	Spec		Decrease	USD	6,600	6,000	3,850	3,500
7G	Hedge/Member		Decrease	USD	6,000	6,000	3,500	3,500
DME CRUDE OIL BALMO FUT (DDB)								
DDB	Spec		Decrease	USD	7,150	6,500	5,500	5,000
DDB	Hedge/Member		Decrease	USD	6,500	6,500	5,000	5,000
DME CRUDE OIL BALMO FUT (DOB)								
DOB	Spec		Decrease	USD	6,820	6,200	5,500	5,000
DOB	Hedge/Member		Decrease	USD	6,200	6,200	5,000	5,000
DME OMAN CRUDE CAL FUT (ODO)								
ODO	Spec	Mnth 1	Decrease	USD	6,325	5,750	5,225	4,750
ODO	Hedge/Member	Mnth 1	Decrease	USD	5,750	5,750	4,750	4,750
ODO	Spec	Mnths 2-3	Decrease	USD	5,335	4,850	4,675	4,250
ODO	Hedge/Member	Mnths 2-3	Decrease	USD	4,850	4,850	4,250	4,250
ODO	Spec	Mnths 4-8	Decrease	USD	5,115	4,650	4,235	3,850
ODO	Hedge/Member	Mnths 4-8	Decrease	USD	4,650	4,650	3,850	3,850
ODO	Spec	Mnths 9+	Decrease	USD	4,950	4,500	4,235	3,850
ODO	Hedge/Member	Mnths 9+	Decrease	USD	4,500	4,500	3,850	3,850
DUBAI CRUDE OIL (PLATTS) (DCD)								

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DCD	Spec	Mnth 1	Decrease	USD	4,180	3,800	3,300	3,000
DCD	Hedge/Member	Mnth 1	Decrease	USD	3,800	3,800	3,000	3,000
DCD	Spec	Mnths 2-3	Decrease	USD	3,795	3,450	3,080	2,800
DCD	Hedge/Member	Mnths 2-3	Decrease	USD	3,450	3,450	2,800	2,800
DCD	Spec	Mnths 4-8	Decrease	USD	3,575	3,250	2,860	2,600
DCD	Hedge/Member	Mnths 4-8	Decrease	USD	3,250	3,250	2,600	2,600
DCD	Spec	Mnths 9+	Decrease	USD	3,355	3,050	2,750	2,500
DCD	Hedge/Member	Mnths 9+	Decrease	USD	3,050	3,050	2,500	2,500
DUBAI CRUDE OIL (PLATTS) BALMO FUT (DDI)								
DDI	Spec	All Months	Decrease	USD	7,150	6,500	5,500	5,000
DDI	Hedge/Member	All Months	Decrease	USD	6,500	6,500	5,000	5,000
DUBAI CRUDE OIL BALMO (BI)								
BI	Spec	All Months	Decrease	USD	6,600	6,000	5,500	5,000
BI	Hedge/Member	All Months	Decrease	USD	6,000	6,000	5,000	5,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DUBAI CRUDE OIL CALENDAR FUT (DC)								
DC	Spec	Mnth1	Decrease	USD	4,180	3,800	3,300	3,000
DC	Hedge/Member	Mnth1	Decrease	USD	3,800	3,800	3,000	3,000
DC	Spec	Mnth2	Decrease	USD	3,795	3,450	3,080	2,800
DC	Hedge/Member	Mnth2	Decrease	USD	3,450	3,450	2,800	2,800
DC	Spec	Mnth3	Decrease	USD	3,795	3,450	2,970	2,700
DC	Hedge/Member	Mnth3	Decrease	USD	3,450	3,450	2,700	2,700
DC	Spec	Mnth4	Decrease	USD	3,575	3,250	2,860	2,600
DC	Hedge/Member	Mnth4	Decrease	USD	3,250	3,250	2,600	2,600
DC	Spec	Mnth5	Decrease	USD	3,575	3,250	2,860	2,600
DC	Hedge/Member	Mnth5	Decrease	USD	3,250	3,250	2,600	2,600
DC	Spec	Mnth6	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth6	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth7	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth7	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth8	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth8	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth9	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth9	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth10	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth10	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth11	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth11	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth12	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth12	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth13	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth13	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth14	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth14	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth15	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth15	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth16	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth16	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth17	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth17	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth18	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth18	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth19	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth19	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth20	Decrease	USD	3,355	3,050	2,750	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DC	Hedge/Member	Mnth20	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth21	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth21	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth22	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth22	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth23	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth23	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth24	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth24	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth25	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth25	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth26	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth26	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth27	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth27	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth28	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth28	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth29	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth29	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth30	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth30	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth31	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth31	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth32	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth32	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth33	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth33	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth34	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth34	Decrease	USD	3,050	3,050	2,500	2,500
DC	Spec	Mnth35+	Decrease	USD	3,355	3,050	2,750	2,500
DC	Hedge/Member	Mnth35+	Decrease	USD	3,050	3,050	2,500	2,500
EUROPE DATED BRENT FUT (UB)								
UB	Spec	Mths 7+	Decrease	USD	3,520	3,200	3,080	2,800
UB	Hedge/Member	Mths 7+	Decrease	USD	3,200	3,200	2,800	2,800
UB	Spec	Mths 1 - 6	Decrease	USD	3,520	3,200	3,080	2,800
UB	Hedge/Member	Mths 1 - 6	Decrease	USD	3,200	3,200	2,800	2,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ICE BRENT-EURO DENOMINATED CAL FUT (IBE)								
IBE	Spec	Mnth 1	Decrease	EUR	4,950	4,500	3,850	3,500
IBE	Hedge/Member	Mnth 1	Decrease	EUR	4,500	4,500	3,500	3,500
IBE	Spec	Mnth 2-4	Decrease	EUR	4,950	4,500	3,850	3,500
IBE	Hedge/Member	Mnth 2-4	Decrease	EUR	4,500	4,500	3,500	3,500
IBE	Spec	Mnth 5-16	Decrease	EUR	4,950	4,500	3,850	3,500
IBE	Hedge/Member	Mnth 5-16	Decrease	EUR	4,500	4,500	3,500	3,500
IBE	Spec	Mnth 17+	Decrease	EUR	4,950	4,500	3,850	3,500
IBE	Hedge/Member	Mnth 17+	Decrease	EUR	4,500	4,500	3,500	3,500
LLS (ARGUS) CALENDAR FUT (XA)								
XA	Spec	Mnth 1	Decrease	USD	5,060	4,600	3,850	3,500
XA	Hedge/Member	Mnth 1	Decrease	USD	4,600	4,600	3,500	3,500
XA	Spec	Mnth 2	Decrease	USD	4,840	4,400	3,740	3,400
XA	Hedge/Member	Mnth 2	Decrease	USD	4,400	4,400	3,400	3,400
XA	Spec	Mnths 3-6	Decrease	USD	4,620	4,200	3,630	3,300
XA	Hedge/Member	Mnths 3-6	Decrease	USD	4,200	4,200	3,300	3,300
XA	Spec	Mnths 7+	Decrease	USD	3,410	3,100	3,135	2,850
XA	Hedge/Member	Mnths 7+	Decrease	USD	3,100	3,100	2,850	2,850
LOOP CRUDE OIL STORAGE FUTURES (LPS)								
LPS	Spec	Mth 1	Decrease	USD	330	300	275	250
LPS	Hedge/Member	Mth 1	Decrease	USD	300	300	250	250
LPS	Spec	Mths 2-3	Decrease	USD	248	225	220	200
LPS	Hedge/Member	Mths 2-3	Decrease	USD	225	225	200	200
LPS	Spec	Mths 4+	Decrease	USD	165	150	138	125
LPS	Hedge/Member	Mths 4+	Decrease	USD	150	150	125	125
LOOP GULF COAST SOUR CRUDE OIL (MB)								
MB	Spec		Decrease	USD	3,520	3,200	3,080	2,800
MB	Hedge/Member		Decrease	USD	3,200	3,200	2,800	2,800
MARS (ARGUS) TRADE MONTH FUT (MO)								
MO	Spec		Decrease	USD	6,050	5,500	3,850	3,500
MO	Hedge/Member		Decrease	USD	5,500	5,500	3,500	3,500
MARS(ARGUS) CALENDAR FUT (MX)								
MX	Spec		Decrease	USD	6,050	5,500	3,850	3,500
MX	Hedge/Member		Decrease	USD	5,500	5,500	3,500	3,500

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

MINI DATED BRENT (PLATTS) FINANCIAL (MDB)

MDB	Spec	Mths 7+	Decrease	USD	352	320	308	280
MDB	Hedge/Member	Mths 7+	Decrease	USD	320	320	280	280
MDB	Spec	Mths 1 - 6	Decrease	USD	352	320	308	280
MDB	Hedge/Member	Mths 1 - 6	Decrease	USD	320	320	280	280

MINI DUBAI CRUDE OIL (PLATTS) BALMO (DBT)

DBT	Spec	All Months	Decrease	USD	660	600	550	500
DBT	Hedge/Member	All Months	Decrease	USD	600	600	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI DUBAI CRUDE OIL (PLATTS) FUT (DBL)								
DBL	Spec	Mnth1	Decrease	USD	418	380	330	300
DBL	Hedge/Member	Mnth1	Decrease	USD	380	380	300	300
DBL	Spec	Mnth2	Decrease	USD	380	345	308	280
DBL	Hedge/Member	Mnth2	Decrease	USD	345	345	280	280
DBL	Spec	Mnth3	Decrease	USD	380	345	297	270
DBL	Hedge/Member	Mnth3	Decrease	USD	345	345	270	270
DBL	Spec	Mnth4	Decrease	USD	358	325	286	260
DBL	Hedge/Member	Mnth4	Decrease	USD	325	325	260	260
DBL	Spec	Mnth5	Decrease	USD	358	325	286	260
DBL	Hedge/Member	Mnth5	Decrease	USD	325	325	260	260
DBL	Spec	Mnth6	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth6	Decrease	USD	305	305	250	250
DBL	Spec	Mnth7	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth7	Decrease	USD	305	305	250	250
DBL	Spec	Mnth8	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth8	Decrease	USD	305	305	250	250
DBL	Spec	Mnth9	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth9	Decrease	USD	305	305	250	250
DBL	Spec	Mnth10	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth10	Decrease	USD	305	305	250	250
DBL	Spec	Mnth11	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth11	Decrease	USD	305	305	250	250
DBL	Spec	Mnth12	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth12	Decrease	USD	305	305	250	250
DBL	Spec	Mnth13	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth13	Decrease	USD	305	305	250	250
DBL	Spec	Mnth14	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth14	Decrease	USD	305	305	250	250
DBL	Spec	Mnth15	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth15	Decrease	USD	305	305	250	250
DBL	Spec	Mnth16	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth16	Decrease	USD	305	305	250	250
DBL	Spec	Mnth17	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth17	Decrease	USD	305	305	250	250
DBL	Spec	Mnth18	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth18	Decrease	USD	305	305	250	250
DBL	Spec	Mnth19	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth19	Decrease	USD	305	305	250	250
DBL	Spec	Mnth20	Decrease	USD	336	305	275	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DBL	Hedge/Member	Mnth20	Decrease	USD	305	305	250	250
DBL	Spec	Mnth21	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth21	Decrease	USD	305	305	250	250
DBL	Spec	Mnth22	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth22	Decrease	USD	305	305	250	250
DBL	Spec	Mnth23	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth23	Decrease	USD	305	305	250	250
DBL	Spec	Mnth24	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth24	Decrease	USD	305	305	250	250
DBL	Spec	Mnth25	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth25	Decrease	USD	305	305	250	250
DBL	Spec	Mnth26	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth26	Decrease	USD	305	305	250	250
DBL	Spec	Mnth27	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth27	Decrease	USD	305	305	250	250
DBL	Spec	Mnth28	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth28	Decrease	USD	305	305	250	250
DBL	Spec	Mnth29	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth29	Decrease	USD	305	305	250	250
DBL	Spec	Mnth30	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth30	Decrease	USD	305	305	250	250
DBL	Spec	Mnth31	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth31	Decrease	USD	305	305	250	250
DBL	Spec	Mnth32	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth32	Decrease	USD	305	305	250	250
DBL	Spec	Mnth33	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth33	Decrease	USD	305	305	250	250
DBL	Spec	Mnth34	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth34	Decrease	USD	305	305	250	250
DBL	Spec	Mnth35+	Decrease	USD	336	305	275	250
DBL	Hedge/Member	Mnth35+	Decrease	USD	305	305	250	250

REBCO CRUDE OIL FUTURES NYMEX (RE)

RE	Spec	Decrease	USD	6,600	6,000	3,850	3,500
RE	Hedge/Member	Decrease	USD	6,000	6,000	3,500	3,500

WTI (ARGUS) TRADE MONTH FUT (V7)

V7	Spec	Decrease	USD	4,950	4,500	3,850	3,500
V7	Hedge/Member	Decrease	USD	4,500	4,500	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								
WTI HOUSTON (ARGUS) FINANCIAL FUT (HIA)								
HIA	Spec		Decrease	USD	6,600	6,000	3,850	3,500
HIA	Hedge/Member		Decrease	USD	6,000	6,000	3,500	3,500
WTI HOUSTON (ARGUS) TRADE MONTH FUT (HTA)								
HTA	Spec		Decrease	USD	6,600	6,000	3,850	3,500
HTA	Hedge/Member		Decrease	USD	6,000	6,000	3,500	3,500
WTI MIDLAND (ARGUS) FINANCIAL FUT (XB)								
XB	Spec		Decrease	USD	4,950	4,500	3,850	3,500
XB	Hedge/Member		Decrease	USD	4,500	4,500	3,500	3,500
WTI MIDLAND (ARGUS) TRADE MONTH FUT (WTI)								
WTI	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
WTI	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
WTI	Spec	Mnth 2	Decrease	USD	3,960	3,600	3,795	3,450
WTI	Hedge/Member	Mnth 2	Decrease	USD	3,600	3,600	3,450	3,450
WTI	Spec	Mnths 3-6	Decrease	USD	3,740	3,400	3,575	3,250
WTI	Hedge/Member	Mnths 3-6	Decrease	USD	3,400	3,400	3,250	3,250
WTI	Spec	Mnths 7+	Decrease	USD	3,520	3,200	3,300	3,000
WTI	Hedge/Member	Mnths 7+	Decrease	USD	3,200	3,200	3,000	3,000
WTS (ARGUS) TRADE MONTH FUT (AY)								
AY	Spec		Decrease	USD	6,050	5,500	3,850	3,500
AY	Hedge/Member		Decrease	USD	5,500	5,500	3,500	3,500
EQUITY INDEX - Outright Rates								
DJ US REAL ESTATE BTIC (REX)								
REX	Spec		Increase	USD	1,265	1,150	1,375	1,250
REX	Hedge/Member		Increase	USD	1,150	1,150	1,250	1,250
DJ US REAL ESTATE INDEX (JR)								
JR	Spec		Increase	USD	1,265	1,150	1,375	1,250
JR	Hedge/Member		Increase	USD	1,150	1,150	1,250	1,250
DJ US REAL ESTATE SYNTHEIC (DJR)								
DJR	Spec		Increase	USD	1,265	1,150	1,375	1,250
DJR	Hedge/Member		Increase	USD	1,150	1,150	1,250	1,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

METALS - Outright Rates

ZINC FUTURES (ZNC)

ZNC	Spec	Mths 1-4	Decrease	USD	3,960	3,600	3,300	3,000
ZNC	Hedge/Member	Mths 1-4	Decrease	USD	3,600	3,600	3,000	3,000
ZNC	Spec	Mths 5-6	Decrease	USD	3,960	3,600	3,300	3,000
ZNC	Hedge/Member	Mths 5-6	Decrease	USD	3,600	3,600	3,000	3,000
ZNC	Spec	Mths 7-12	Decrease	USD	3,960	3,600	3,300	3,000
ZNC	Hedge/Member	Mths 7-12	Decrease	USD	3,600	3,600	3,000	3,000
ZNC	Spec	Mths 13+	Decrease	USD	3,960	3,600	3,300	3,000
ZNC	Hedge/Member	Mths 13+	Decrease	USD	3,600	3,600	3,000	3,000

PETROLEUM CRACKS AND SPREADS - Outright Rates

GULF COAST SME BIO (ARGUS) FUT (GSI)

GSI	Spec		Decrease	USD	8,250	7,500	5,500	5,000
GSI	Hedge/Member		Decrease	USD	7,500	7,500	5,000	5,000

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	Decrease	USD	25,850	23,500	21,175	19,250
1W	Hedge/Member	Mth 1	Decrease	USD	23,500	23,500	19,250	19,250
1W	Spec	Mths 2+	Decrease	USD	23,650	21,500	18,975	17,250
1W	Hedge/Member	Mths 2+	Decrease	USD	21,500	21,500	17,250	17,250
3.5% FUEL OIL CID MED FUT (7D)								
7D	Spec		Decrease	USD	23,650	21,500	17,600	16,000
7D	Hedge/Member		Decrease	USD	21,500	21,500	16,000	16,000
CHICAGO UNLEADED GAS(PLATTS) S (2C)								
2C	Spec		Decrease	USD	6,600	6,000	4,950	4,500
2C	Hedge/Member		Decrease	USD	6,000	6,000	4,500	4,500
DALY EURO 3.5% FOIL BRGES FOB RDM (FOR)								
FOR	Spec		Decrease	USD	3,740	3,400	2,750	2,500
FOR	Hedge/Member		Decrease	USD	3,400	3,400	2,500	2,500
DATED BRENT(PLATTS) BALMO FUT (DBB)								
DBB	Spec		Decrease	USD	7,700	7,000	5,500	5,000
DBB	Hedge/Member		Decrease	USD	7,000	7,000	5,000	5,000
DIESEL 10PPM BARGES FOB BALMO (U7)								
U7	Spec		Decrease	USD	60,500	55,000	44,000	40,000
U7	Hedge/Member		Decrease	USD	55,000	55,000	40,000	40,000
EIA FLAT TAX ONHWAY DIESEL FUT (A5)								
A5	Spec	Mnth 1	Decrease	USD	5,500	5,000	4,950	4,500
A5	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	4,500	4,500
A5	Spec	Mnths 2-6	Decrease	USD	4,400	4,000	3,850	3,500
A5	Hedge/Member	Mnths 2-6	Decrease	USD	4,000	4,000	3,500	3,500
A5	Spec	Mnths 7+	Decrease	USD	3,740	3,400	3,190	2,900
A5	Hedge/Member	Mnths 7+	Decrease	USD	3,400	3,400	2,900	2,900
EUR 1% FUEL OIL FOB RDM BALMO FUT (6L)								
6L	Spec		Decrease	USD	30,250	27,500	27,500	25,000
6L	Hedge/Member		Decrease	USD	27,500	27,500	25,000	25,000
EUR 1%FUEL OIL CARG FOB MED(PLATTS) (EFM)								
EFM	Spec		Decrease	USD	24,200	22,000	17,600	16,000
EFM	Hedge/Member		Decrease	USD	22,000	22,000	16,000	16,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EURO DIESEL 10 CAL FUT (GT)								
GT	Spec		Decrease	USD	37,400	34,000	28,600	26,000
GT	Hedge/Member		Decrease	USD	34,000	34,000	26,000	26,000
EUROPE 1% FUEL OIL NWE CALFUT (UF)								
UF	Spec	Mnth 1	Decrease	USD	20,900	19,000	15,400	14,000
UF	Hedge/Member	Mnth 1	Decrease	USD	19,000	19,000	14,000	14,000
UF	Spec	Mnths 2-6	Decrease	USD	20,900	19,000	15,400	14,000
UF	Hedge/Member	Mnths 2-6	Decrease	USD	19,000	19,000	14,000	14,000
UF	Spec	Mnths 7+	Decrease	USD	20,900	19,000	15,400	14,000
UF	Hedge/Member	Mnths 7+	Decrease	USD	19,000	19,000	14,000	14,000
EUROPE 1% FUEL OIL RDAM CALFUT (UH)								
UH	Spec	Mnth 1	Decrease	USD	20,900	19,000	16,500	15,000
UH	Hedge/Member	Mnth 1	Decrease	USD	19,000	19,000	15,000	15,000
UH	Spec	Mnth 2	Decrease	USD	20,900	19,000	16,500	15,000
UH	Hedge/Member	Mnth 2	Decrease	USD	19,000	19,000	15,000	15,000
UH	Spec	Mnths 3-7	Decrease	USD	19,800	18,000	15,400	14,000
UH	Hedge/Member	Mnths 3-7	Decrease	USD	18,000	18,000	14,000	14,000
UH	Spec	Mnths 8+	Decrease	USD	19,800	18,000	15,400	14,000
UH	Hedge/Member	Mnths 8+	Decrease	USD	18,000	18,000	14,000	14,000
EUROPE 3.5% FUEL OIL MED CALFUT (UI)								
UI	Spec		Decrease	USD	20,900	19,000	17,050	15,500
UI	Hedge/Member		Decrease	USD	19,000	19,000	15,500	15,500
EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)								
UV	Spec	Mths 1	Decrease	USD	17,600	16,000	13,750	12,500
UV	Hedge/Member	Mths 1	Decrease	USD	16,000	16,000	12,500	12,500
UV	Spec	Mnths 2-6	Decrease	USD	17,600	16,000	13,750	12,500
UV	Hedge/Member	Mnths 2-6	Decrease	USD	16,000	16,000	12,500	12,500
UV	Spec	Mnths 7-10	Decrease	USD	17,600	16,000	13,750	12,500
UV	Hedge/Member	Mnths 7-10	Decrease	USD	16,000	16,000	12,500	12,500
UV	Spec	Mnths 11+	Decrease	USD	17,600	16,000	13,750	12,500
UV	Hedge/Member	Mnths 11+	Decrease	USD	16,000	16,000	12,500	12,500
EUROPE JET KERO NWE CALFUT (UJ)								
UJ	Spec	Mths 1	Decrease	USD	41,800	38,000	37,400	34,000
UJ	Hedge/Member	Mths 1	Decrease	USD	38,000	38,000	34,000	34,000
UJ	Spec	Mths 2-6	Decrease	USD	41,800	38,000	37,400	34,000
UJ	Hedge/Member	Mths 2-6	Decrease	USD	38,000	38,000	34,000	34,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EUROPE NAPHTHA CALFUT (UN)								
UN	Spec	Mths 1	Decrease	USD	37,400	34,000	28,600	26,000
UN	Hedge/Member	Mths 1	Decrease	USD	34,000	34,000	26,000	26,000
UN	Spec	Mths 2-6	Decrease	USD	32,450	29,500	26,400	24,000
UN	Hedge/Member	Mths 2-6	Decrease	USD	29,500	29,500	24,000	24,000
UN	Spec	Mnths 7+	Decrease	USD	30,250	27,500	23,100	21,000
UN	Hedge/Member	Mnths 7+	Decrease	USD	27,500	27,500	21,000	21,000
EUROPEAN GASOIL ICE FUTURE (7F)								
7F	Spec	Mnth 1	Decrease	USD	2,640	2,400	2,200	2,000
7F	Hedge/Member	Mnth 1	Decrease	USD	2,400	2,400	2,000	2,000
7F	Spec	Mnths 2-6	Decrease	USD	2,530	2,300	2,145	1,950
7F	Hedge/Member	Mnths 2-6	Decrease	USD	2,300	2,300	1,950	1,950
7F	Spec	Mnths 7-11	Decrease	USD	2,420	2,200	2,035	1,850
7F	Hedge/Member	Mnths 7-11	Decrease	USD	2,200	2,200	1,850	1,850
7F	Spec	Mnths 12+	Decrease	USD	2,255	2,050	1,925	1,750
7F	Hedge/Member	Mnths 12+	Decrease	USD	2,050	2,050	1,750	1,750
EUROPEAN GASOIL ICE TAS FUTURE (7FT)								
7FT	Spec	Mnth 1	Decrease	USD	2,640	2,400	2,200	2,000
7FT	Hedge/Member	Mnth 1	Decrease	USD	2,400	2,400	2,000	2,000
7FT	Spec	Mnths 2-6	Decrease	USD	2,530	2,300	2,145	1,950
7FT	Hedge/Member	Mnths 2-6	Decrease	USD	2,300	2,300	1,950	1,950
7FT	Spec	Mnths 7-11	Decrease	USD	2,420	2,200	2,035	1,850
7FT	Hedge/Member	Mnths 7-11	Decrease	USD	2,200	2,200	1,850	1,850
7FT	Spec	Mnths 12+	Decrease	USD	2,255	2,050	1,925	1,750
7FT	Hedge/Member	Mnths 12+	Decrease	USD	2,050	2,050	1,750	1,750
GAS EURO-BOB OXY (ARG) NEW BRG (7H)								
7H	Spec	Mnth 1	Decrease	USD	35,200	32,000	29,700	27,000
7H	Hedge/Member	Mnth 1	Decrease	USD	32,000	32,000	27,000	27,000
7H	Spec	Mnths 2-6	Decrease	USD	33,000	30,000	29,700	27,000
7H	Hedge/Member	Mnths 2-6	Decrease	USD	30,000	30,000	27,000	27,000
7H	Spec	Mnths 7+	Decrease	USD	31,900	29,000	28,600	26,000
7H	Hedge/Member	Mnths 7+	Decrease	USD	29,000	29,000	26,000	26,000
GASOIL 0.1 BARGES FOB RD BALMO (B8)								
B8	Spec		Decrease	USD	55,000	50,000	44,000	40,000
B8	Hedge/Member		Decrease	USD	50,000	50,000	40,000	40,000
GASOIL 0.1 CARGOES CIF NEW (TW)								
TW	Spec		Decrease	USD	33,000	30,000	24,200	22,000
TW	Hedge/Member		Decrease	USD	30,000	30,000	22,000	22,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GASOIL 0.1 CIF MED FUT (Z4)								
Z4	Spec		Decrease	USD	33,000	30,000	27,500	25,000
Z4	Hedge/Member		Decrease	USD	30,000	30,000	25,000	25,000
GASOIL 0.1 ROTTERDAM BARGES FUT (VL)								
VL	Spec	Month 1	Decrease	USD	29,700	27,000	26,400	24,000
VL	Hedge/Member	Month 1	Decrease	USD	27,000	27,000	24,000	24,000
VL	Spec	Month 2+	Decrease	USD	33,000	30,000	26,400	24,000
VL	Hedge/Member	Month 2+	Decrease	USD	30,000	30,000	24,000	24,000
GASOIL BULLET FUT (BG)								
BG	Spec	Mnth 1	Decrease	USD	26,400	24,000	22,000	20,000
BG	Hedge/Member	Mnth 1	Decrease	USD	24,000	24,000	20,000	20,000
BG	Spec	Mnths 2-6	Decrease	USD	25,300	23,000	21,450	19,500
BG	Hedge/Member	Mnths 2-6	Decrease	USD	23,000	23,000	19,500	19,500
BG	Spec	Mnths 7-11	Decrease	USD	24,200	22,000	20,350	18,500
BG	Hedge/Member	Mnths 7-11	Decrease	USD	22,000	22,000	18,500	18,500
BG	Spec	Mnths 12+	Decrease	USD	22,550	20,500	19,250	17,500
BG	Hedge/Member	Mnths 12+	Decrease	USD	20,500	20,500	17,500	17,500
GC ULSD ARGUS CAL FUT (AJ)								
AJ	Spec		Decrease	USD	6,050	5,500	4,950	4,500
AJ	Hedge/Member		Decrease	USD	5,500	5,500	4,500	4,500
GROUP THREE ULSD (PLATTS) FUT (A7)								
A7	Spec	Mnth 1	Decrease	USD	5,775	5,250	5,225	4,750
A7	Hedge/Member	Mnth 1	Decrease	USD	5,250	5,250	4,750	4,750
A7	Spec	Mnths 2-6	Decrease	USD	4,620	4,200	4,070	3,700
A7	Hedge/Member	Mnths 2-6	Decrease	USD	4,200	4,200	3,700	3,700
A7	Spec	Mnths 7+	Decrease	USD	4,620	4,200	4,070	3,700
A7	Hedge/Member	Mnths 7+	Decrease	USD	4,200	4,200	3,700	3,700
GULF COAST HEATING OIL CLNDR FUT (GP)								
GP	Spec		Decrease	USD	4,620	4,200	4,070	3,700
GP	Hedge/Member		Decrease	USD	4,200	4,200	3,700	3,700
GULF COAST HSFO (PLATTS) FUTURES (MF)								
MF	Spec	Mnth 1	Decrease	USD	2,860	2,600	2,640	2,400
MF	Hedge/Member	Mnth 1	Decrease	USD	2,600	2,600	2,400	2,400
MF	Spec	Mnths 2-6	Decrease	USD	2,860	2,600	2,640	2,400
MF	Hedge/Member	Mnths 2-6	Decrease	USD	2,600	2,600	2,400	2,400
MF	Spec	Mnths 7+	Decrease	USD	2,530	2,300	2,310	2,100
MF	Hedge/Member	Mnths 7+	Decrease	USD	2,300	2,300	2,100	2,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GULF COAST JET FUEL CLNDR FUT (GE)								
GE	Spec	Mnth 1	Decrease	USD	4,070	3,700	3,465	3,150
GE	Hedge/Member	Mnth 1	Decrease	USD	3,700	3,700	3,150	3,150
GE	Spec	Mnths 2-6	Decrease	USD	4,070	3,700	3,465	3,150
GE	Hedge/Member	Mnths 2-6	Decrease	USD	3,700	3,700	3,150	3,150
GE	Spec	Mnths 7+	Decrease	USD	4,070	3,700	3,465	3,150
GE	Hedge/Member	Mnths 7+	Decrease	USD	3,700	3,700	3,150	3,150
GULF COAST ULSD CALENDAR FUT (LY)								
LY	Spec	Mnth 1	Decrease	USD	4,290	3,900	3,740	3,400
LY	Hedge/Member	Mnth 1	Decrease	USD	3,900	3,900	3,400	3,400
LY	Spec	Mnths 2-6	Decrease	USD	4,070	3,700	3,575	3,250
LY	Hedge/Member	Mnths 2-6	Decrease	USD	3,700	3,700	3,250	3,250
LY	Spec	Mnths 7-12	Decrease	USD	3,850	3,500	3,190	2,900
LY	Hedge/Member	Mnths 7-12	Decrease	USD	3,500	3,500	2,900	2,900
LY	Spec	Mnths 13+	Decrease	USD	3,740	3,400	3,080	2,800
LY	Hedge/Member	Mnths 13+	Decrease	USD	3,400	3,400	2,800	2,800
GULF COST HEAT OIL(ARGUS) FUT (4U)								
4U	Spec		Decrease	USD	6,050	5,500	4,950	4,500
4U	Hedge/Member		Decrease	USD	5,500	5,500	4,500	4,500
JAPAN C&F NAPHTHA FUT (JA)								
JA	Spec	Mnth 1	Decrease	USD	29,700	27,000	24,475	22,250
JA	Hedge/Member	Mnth 1	Decrease	USD	27,000	27,000	22,250	22,250
JA	Spec	Mnths 2-6	Decrease	USD	29,700	27,000	24,475	22,250
JA	Hedge/Member	Mnths 2-6	Decrease	USD	27,000	27,000	22,250	22,250
JA	Spec	Mnths 7+	Decrease	USD	29,700	27,000	24,475	22,250
JA	Hedge/Member	Mnths 7+	Decrease	USD	27,000	27,000	22,250	22,250
LA CARB DIESEL (OPIS) (LX)								
LX	Spec	Mnth 1	Decrease	USD	5,225	4,750	4,675	4,250
LX	Hedge/Member	Mnth 1	Decrease	USD	4,750	4,750	4,250	4,250
LX	Spec	Mnths 2-6	Decrease	USD	5,225	4,750	4,675	4,250
LX	Hedge/Member	Mnths 2-6	Decrease	USD	4,750	4,750	4,250	4,250
LX	Spec	Mnths 7+	Decrease	USD	5,225	4,750	4,675	4,250
LX	Hedge/Member	Mnths 7+	Decrease	USD	4,750	4,750	4,250	4,250
LOS ANGELES CARB GASOLINE FUT (MH)								
MH	Spec		Decrease	USD	8,250	7,500	6,050	5,500
MH	Hedge/Member		Decrease	USD	7,500	7,500	5,500	5,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MIDEAST FUEL OIL 380 CST PLATT FUT (DES)								
DES	Spec	Mnth 1	Decrease	USD	29,700	27,000	22,000	20,000
DES	Hedge/Member	Mnth 1	Decrease	USD	27,000	27,000	20,000	20,000
DES	Spec	Mnths 2+	Decrease	USD	29,700	27,000	22,000	20,000
DES	Hedge/Member	Mnths 2+	Decrease	USD	27,000	27,000	20,000	20,000
MIN EUR 1% FUEL OIL CRGO FOBNWE FUT (0B)								
0B	Spec	Mnth 1	Decrease	USD	2,090	1,900	1,540	1,400
0B	Hedge/Member	Mnth 1	Decrease	USD	1,900	1,900	1,400	1,400
0B	Spec	Mnths 2-6	Decrease	USD	2,090	1,900	1,540	1,400
0B	Hedge/Member	Mnths 2-6	Decrease	USD	1,900	1,900	1,400	1,400
0B	Spec	Mnths 7+	Decrease	USD	2,090	1,900	1,540	1,400
0B	Hedge/Member	Mnths 7+	Decrease	USD	1,900	1,900	1,400	1,400
MIN EURO NPHTHA CIF NWE FUT (MNC)								
MNC	Spec	Mths 1	Decrease	USD	3,740	3,400	2,860	2,600
MNC	Hedge/Member	Mths 1	Decrease	USD	3,400	3,400	2,600	2,600
MNC	Spec	Mths 2-6	Decrease	USD	3,245	2,950	2,640	2,400
MNC	Hedge/Member	Mths 2-6	Decrease	USD	2,950	2,950	2,400	2,400
MNC	Spec	Mnths 7+	Decrease	USD	3,025	2,750	2,310	2,100
MNC	Hedge/Member	Mnths 7+	Decrease	USD	2,750	2,750	2,100	2,100
MIN JAPAN C&F NAPHTHA PLATTS FUT (MJN)								
MJN	Spec	Mnth 1	Decrease	USD	2,970	2,700	2,448	2,225
MJN	Hedge/Member	Mnth 1	Decrease	USD	2,700	2,700	2,225	2,225
MJN	Spec	Mnths 2-6	Decrease	USD	2,970	2,700	2,448	2,225
MJN	Hedge/Member	Mnths 2-6	Decrease	USD	2,700	2,700	2,225	2,225
MJN	Spec	Mnths 7+	Decrease	USD	2,970	2,700	2,448	2,225
MJN	Hedge/Member	Mnths 7+	Decrease	USD	2,700	2,700	2,225	2,225
MINI 1% FUEL OIL CAR MED FUT (MFD)								
MFD	Spec		Decrease	USD	2,420	2,200	1,760	1,600
MFD	Hedge/Member		Decrease	USD	2,200	2,200	1,600	1,600
MINI 3.5% FUEL OIL CAR MED FUT (MMF)								
MMF	Spec		Decrease	USD	2,090	1,900	1,705	1,550
MMF	Hedge/Member		Decrease	USD	1,900	1,900	1,550	1,550
MINI EUR1%FUELOIL FOB RDM BALMO FUT (0A)								
0A	Spec		Decrease	USD	3,025	2,750	2,750	2,500
0A	Hedge/Member		Decrease	USD	2,750	2,750	2,500	2,500

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	Decrease	USD	2,090	1,900	1,650	1,500
T0	Hedge/Member	Mnth 1	Decrease	USD	1,900	1,900	1,500	1,500
T0	Spec	Mnth 2	Decrease	USD	2,090	1,900	1,650	1,500
T0	Hedge/Member	Mnth 2	Decrease	USD	1,900	1,900	1,500	1,500
T0	Spec	Mnths 3-7	Decrease	USD	1,980	1,800	1,540	1,400
T0	Hedge/Member	Mnths 3-7	Decrease	USD	1,800	1,800	1,400	1,400
T0	Spec	Mnths 8+	Decrease	USD	1,980	1,800	1,540	1,400
T0	Hedge/Member	Mnths 8+	Decrease	USD	1,800	1,800	1,400	1,400
MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)								
0D	Spec	Mths 1	Decrease	USD	1,760	1,600	1,375	1,250
0D	Hedge/Member	Mths 1	Decrease	USD	1,600	1,600	1,250	1,250
0D	Spec	Mnths 2-6	Decrease	USD	1,760	1,600	1,375	1,250
0D	Hedge/Member	Mnths 2-6	Decrease	USD	1,600	1,600	1,250	1,250
0D	Spec	Mnths 7-10	Decrease	USD	1,760	1,600	1,375	1,250
0D	Hedge/Member	Mnths 7-10	Decrease	USD	1,600	1,600	1,250	1,250
0D	Spec	Mnths 11+	Decrease	USD	1,760	1,600	1,375	1,250
0D	Hedge/Member	Mnths 11+	Decrease	USD	1,600	1,600	1,250	1,250
MINI GAS EUROBOB OXY BARGES FUT (MEO)								
MEO	Spec	Mnth 1	Decrease	USD	35,200	32,000	29,700	27,000
MEO	Hedge/Member	Mnth 1	Decrease	USD	32,000	32,000	27,000	27,000
MEO	Spec	Mnths 2-6	Decrease	USD	33,000	30,000	29,700	27,000
MEO	Hedge/Member	Mnths 2-6	Decrease	USD	30,000	30,000	27,000	27,000
MEO	Spec	Mnths 7+	Decrease	USD	31,900	29,000	28,600	26,000
MEO	Hedge/Member	Mnths 7+	Decrease	USD	29,000	29,000	26,000	26,000
MINI SINGAPORE 380CST FUEL OIL FUT (MTS)								
MTS	Spec	Mnth 1	Decrease	USD	1,980	1,800	1,540	1,400
MTS	Hedge/Member	Mnth 1	Decrease	USD	1,800	1,800	1,400	1,400
MTS	Spec	Mnths 2-6	Decrease	USD	1,980	1,800	1,540	1,400
MTS	Hedge/Member	Mnths 2-6	Decrease	USD	1,800	1,800	1,400	1,400
MTS	Spec	Mnths 7+	Decrease	USD	1,980	1,800	1,540	1,400
MTS	Hedge/Member	Mnths 7+	Decrease	USD	1,800	1,800	1,400	1,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI SINGAPORE GASOIL PLATS FUTURES (MSG)								
MSG	Spec	Mnth 1	Decrease	USD	402	365	336	305
MSG	Hedge/Member	Mnth 1	Decrease	USD	365	365	305	305
MSG	Spec	Mnths 2-6	Decrease	USD	402	365	336	305
MSG	Hedge/Member	Mnths 2-6	Decrease	USD	365	365	305	305
MSG	Spec	Mnths 7+	Decrease	USD	385	350	319	290
MSG	Hedge/Member	Mnths 7+	Decrease	USD	350	350	290	290
MINI SINGP FUEL OIL 180CST FUTURES (OF)								
OF	Spec	Mnth 1	Decrease	USD	1,980	1,800	1,705	1,550
OF	Hedge/Member	Mnth 1	Decrease	USD	1,800	1,800	1,550	1,550
OF	Spec	Mnth 2	Decrease	USD	1,980	1,800	1,705	1,550
OF	Hedge/Member	Mnth 2	Decrease	USD	1,800	1,800	1,550	1,550
OF	Spec	Mnths 3-7	Decrease	USD	1,980	1,800	1,705	1,550
OF	Hedge/Member	Mnths 3-7	Decrease	USD	1,800	1,800	1,550	1,550
MOGAS92 UNLEADED (PLATTS) FUT (1N)								
1N	Spec	Mnths 2+	Decrease	USD	3,300	3,000	2,970	2,700
1N	Hedge/Member	Mnths 2+	Decrease	USD	3,000	3,000	2,700	2,700
1N	Spec	Mnth 1	Decrease	USD	3,300	3,000	2,970	2,700
1N	Hedge/Member	Mnth 1	Decrease	USD	3,000	3,000	2,700	2,700
NEW YORK .3% FUEL OIL HIPR BALMO FUT (NYB)								
NYB	Spec	Mths 2+	Decrease	USD	8,800	8,000	5,500	5,000
NYB	Hedge/Member	Mths 2+	Decrease	USD	8,000	8,000	5,000	5,000
NYB	Spec	Mth 1	Decrease	USD	8,800	8,000	5,500	5,000
NYB	Hedge/Member	Mth 1	Decrease	USD	8,000	8,000	5,000	5,000
NEW YORK HEATING OIL PLATTS FUT (YF)								
YF	Spec		Decrease	USD	7,700	7,000	5,500	5,000
YF	Hedge/Member		Decrease	USD	7,000	7,000	5,000	5,000
NY 0.7% FUEL OIL (PLATTS) FUT (Y4)								
Y4	Spec		Decrease	USD	5,500	5,000	3,850	3,500
Y4	Hedge/Member		Decrease	USD	5,000	5,000	3,500	3,500
NY BUCKEYE JET FUEL (PLATTS) FUTURE (BUC)								
BUC	Spec		Decrease	USD	6,050	5,500	4,950	4,500
BUC	Hedge/Member		Decrease	USD	5,500	5,500	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								
NY HARBOR RESIDUAL FUEL 1.0% S FUT (MM)								
MM	Spec	Mnth 1	Decrease	USD	3,300	3,000	2,310	2,100
MM	Hedge/Member	Mnth 1	Decrease	USD	3,000	3,000	2,100	2,100
MM	Spec	Mnths 2-6	Decrease	USD	3,300	3,000	2,310	2,100
MM	Hedge/Member	Mnths 2-6	Decrease	USD	3,000	3,000	2,100	2,100
MM	Spec	Mnths 7+	Decrease	USD	3,080	2,800	2,200	2,000
MM	Hedge/Member	Mnths 7+	Decrease	USD	2,800	2,800	2,000	2,000
NY ULTRA LOW S DIESEL CAL FUT (YS)								
YS	Spec		Decrease	USD	6,600	6,000	4,950	4,500
YS	Hedge/Member		Decrease	USD	6,000	6,000	4,500	4,500
PREM UNL GAS 10 PPM BALMO (7N)								
7N	Spec		Decrease	USD	60,500	55,000	49,500	45,000
7N	Hedge/Member		Decrease	USD	55,000	55,000	45,000	45,000
PREM UNL GAS 10 PPM (PLTS) RDM (7L)								
7L	Spec		Decrease	USD	49,500	45,000	38,500	35,000
7L	Hedge/Member		Decrease	USD	45,000	45,000	35,000	35,000
PREMIUM UNLD 10P FOB MED FUT (3G)								
3G	Spec	Mnth 1	Decrease	USD	47,300	43,000	41,800	38,000
3G	Hedge/Member	Mnth 1	Decrease	USD	43,000	43,000	38,000	38,000
3G	Spec	Mnths 2+	Decrease	USD	47,300	43,000	41,800	38,000
3G	Hedge/Member	Mnths 2+	Decrease	USD	43,000	43,000	38,000	38,000
PREMIUM UNLEAD 10PPM FOB BLMO (8G)								
8G	Spec		Decrease	USD	63,800	58,000	49,500	45,000
8G	Hedge/Member		Decrease	USD	58,000	58,000	45,000	45,000
SINGAPORE 380CST FUEL OIL FUT (SE)								
SE	Spec	Mnth 1	Decrease	USD	19,800	18,000	15,400	14,000
SE	Hedge/Member	Mnth 1	Decrease	USD	18,000	18,000	14,000	14,000
SE	Spec	Mnths 2-6	Decrease	USD	19,800	18,000	15,400	14,000
SE	Hedge/Member	Mnths 2-6	Decrease	USD	18,000	18,000	14,000	14,000
SE	Spec	Mnths 7+	Decrease	USD	19,800	18,000	15,400	14,000
SE	Hedge/Member	Mnths 7+	Decrease	USD	18,000	18,000	14,000	14,000

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	Decrease	USD	19,800	18,000	17,050	15,500
UA	Hedge/Member	Mnth 1	Decrease	USD	18,000	18,000	15,500	15,500
UA	Spec	Mnth 2	Decrease	USD	19,800	18,000	17,050	15,500
UA	Hedge/Member	Mnth 2	Decrease	USD	18,000	18,000	15,500	15,500
UA	Spec	Mnths 3-7	Decrease	USD	19,800	18,000	17,050	15,500
UA	Hedge/Member	Mnths 3-7	Decrease	USD	18,000	18,000	15,500	15,500
SINGAPORE GASOIL FUT (SG)								
SG	Spec	Mnth 1	Decrease	USD	4,015	3,650	3,355	3,050
SG	Hedge/Member	Mnth 1	Decrease	USD	3,650	3,650	3,050	3,050
SG	Spec	Mnths 2-6	Decrease	USD	4,015	3,650	3,355	3,050
SG	Hedge/Member	Mnths 2-6	Decrease	USD	3,650	3,650	3,050	3,050
SG	Spec	Mnths 7+	Decrease	USD	3,850	3,500	3,190	2,900
SG	Hedge/Member	Mnths 7+	Decrease	USD	3,500	3,500	2,900	2,900
SINGAPORE JET KEROSENE FUT (KS)								
KS	Spec	Mnth 1	Decrease	USD	3,960	3,600	3,300	3,000
KS	Hedge/Member	Mnth 1	Decrease	USD	3,600	3,600	3,000	3,000
KS	Spec	Mnths 2-6	Decrease	USD	3,960	3,600	3,300	3,000
KS	Hedge/Member	Mnths 2-6	Decrease	USD	3,600	3,600	3,000	3,000
KS	Spec	Mnths 7+	Decrease	USD	3,960	3,600	3,300	3,000
KS	Hedge/Member	Mnths 7+	Decrease	USD	3,600	3,600	3,000	3,000
SINGAPORE MOGAS 95 FUT (V0)								
V0	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,960	3,600
V0	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,600	3,600
V0	Spec	Mnths 2+	Decrease	USD	4,400	4,000	3,960	3,600
V0	Hedge/Member	Mnths 2+	Decrease	USD	4,000	4,000	3,600	3,600
SINGAPORE MOGAS 97 FUT (X0)								
X0	Spec		Decrease	USD	5,500	5,000	4,400	4,000
X0	Hedge/Member		Decrease	USD	5,000	5,000	4,000	4,000
SINGAPORE NAPHTHA FUT (SP)								
SP	Spec		Decrease	USD	4,950	4,500	3,850	3,500
SP	Hedge/Member		Decrease	USD	4,500	4,500	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								
SYNTHET GULF COAST NO.6 FUEL OIL 3 (SMF)								
SMF	Spec	Mnth 1	Decrease	USD	2,860	2,600	2,640	2,400
SMF	Hedge/Member	Mnth 1	Decrease	USD	2,600	2,600	2,400	2,400
SMF	Spec	Mnths 2-6	Decrease	USD	2,860	2,600	2,640	2,400
SMF	Hedge/Member	Mnths 2-6	Decrease	USD	2,600	2,600	2,400	2,400
SMF	Spec	Mnths 7+	Decrease	USD	2,530	2,300	2,310	2,100
SMF	Hedge/Member	Mnths 7+	Decrease	USD	2,300	2,300	2,100	2,100
SYNTHETI SINGAPORE JET KEROSENE FUT (SKS)								
SKS	Spec	Mnth 1	Decrease	USD	3,960	3,600	3,300	3,000
SKS	Hedge/Member	Mnth 1	Decrease	USD	3,600	3,600	3,000	3,000
SKS	Spec	Mnths 2-6	Decrease	USD	3,960	3,600	3,300	3,000
SKS	Hedge/Member	Mnths 2-6	Decrease	USD	3,600	3,600	3,000	3,000
SKS	Spec	Mnths 7+	Decrease	USD	3,960	3,600	3,300	3,000
SKS	Hedge/Member	Mnths 7+	Decrease	USD	3,600	3,600	3,000	3,000
SYNTHETIC GASOIL BULLET FUT (SBG)								
SBG	Spec	Mnth 1	Decrease	USD	26,400	24,000	22,000	20,000
SBG	Hedge/Member	Mnth 1	Decrease	USD	24,000	24,000	20,000	20,000
SBG	Spec	Mnths 2-6	Decrease	USD	25,300	23,000	21,450	19,500
SBG	Hedge/Member	Mnths 2-6	Decrease	USD	23,000	23,000	19,500	19,500
SBG	Spec	Mnths 7-11	Decrease	USD	24,200	22,000	20,350	18,500
SBG	Hedge/Member	Mnths 7-11	Decrease	USD	22,000	22,000	18,500	18,500
SBG	Spec	Mnths 12+	Decrease	USD	22,550	20,500	19,250	17,500
SBG	Hedge/Member	Mnths 12+	Decrease	USD	20,500	20,500	17,500	17,500
SYNTHETIC SINGAPORE GASOIL FUT (SSG)								
SSG	Spec	Mnth 1	Decrease	USD	4,015	3,650	3,355	3,050
SSG	Hedge/Member	Mnth 1	Decrease	USD	3,650	3,650	3,050	3,050
SSG	Spec	Mnths 2-6	Decrease	USD	4,015	3,650	3,355	3,050
SSG	Hedge/Member	Mnths 2-6	Decrease	USD	3,650	3,650	3,050	3,050
SSG	Spec	Mnths 7+	Decrease	USD	3,850	3,500	3,190	2,900
SSG	Hedge/Member	Mnths 7+	Decrease	USD	3,500	3,500	2,900	2,900
ULSD 10PPM CARGOES CIF NWE S (TY)								
TY	Spec		Decrease	USD	38,500	35,000	24,200	22,000
TY	Hedge/Member		Decrease	USD	35,000	35,000	22,000	22,000
ULSD 10PPM CIF MED FUT (Z6)								
Z6	Spec		Decrease	USD	38,500	35,000	27,500	25,000
Z6	Hedge/Member		Decrease	USD	35,000	35,000	25,000	25,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
AGRICULTURE - Intra Spreads								
Month 4 vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	715	650	908	825
LC	Hedge/Member		Increase	USD	650	650	825	825
Month 4 vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	715	650	908	825
LET	Hedge/Member		Increase	USD	650	650	825	825
Month 5 vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	660	600	908	825
LC	Hedge/Member		Increase	USD	600	600	825	825
Month 5 vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	660	600	908	825
LET	Hedge/Member		Increase	USD	600	600	825	825
Months 6+ vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	605	550	908	825
LC	Hedge/Member		Increase	USD	550	550	825	825
Months 6+ vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	605	550	908	825
LET	Hedge/Member		Increase	USD	550	550	825	825

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
CRUDE OIL - Inter-commodity Spread Rates						
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Decrease	+12:-1	65%	65%	55%	55%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	15%	15%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Decrease	+1:-1	58%	58%	40%	40%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	59%	59%	40%	40%
CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Decrease	+12:-1	65%	65%	55%	55%
CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME) vs CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Decrease	+1:-1	58%	58%	40%	40%
CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	59%	59%	40%	40%
DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs DME OMAN CRUDE OIL CALENDAR FUTURES (NY-ODO - CME)						
Spread Credit Rate	New	+1:-1			90%	90%
DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) FUTURES (NY-DUP - CME)						
Spread Credit Rate	New	+1:-1			80%	80%
DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) FUTURES (NY-DSE - CME)						
Spread Credit Rate	New	+1:-1			80%	80%
LIGHT SWEET CRUDE OIL (NY-CL) vs CONWAY NORMAL BUTANE SWAP (NY-8M)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Decrease	+12:-1	65%	65%	55%	55%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	15%	15%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Decrease	+1:-1	58%	58%	40%	40%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	59%	59%	40%	40%
MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME) vs CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	15%	15%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Decrease	+12:-1	65%	65%	55%	55%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME).						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	15%	15%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME).						
Spread Credit Rate	Decrease	+1:-1	25%	25%	15%	15%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Decrease	+1:-1	58%	58%	40%	40%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME).						
Spread Credit Rate	Decrease	+1:-1	58%	58%	40%	40%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	59%	59%	40%	40%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME).						
Spread Credit Rate	Decrease	+1:-1	59%	59%	40%	40%
EQUITY INDEX - Inter-commodity Spread Rates						
NIKKEI 225 DOLLAR-BASED (NK - CME) vs NIKKEI 225 YEN-BASED (N1 - CME)						
Spread Credit Rate	Increase	+9:-10	95%	95%	98%	98%
METALS - Inter-commodity Spread Rates						
ALUMINIUM EUROPEAN PREMIUM DUTY-PAID (METAL BULLETIN) FUTURES (CX-EDP - CME) vs ALUMINUM FUTURES (CX-ALI - CME)						
Spread Credit Rate	Decrease	+7:-1	20%	20%	0%	0%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NGL/PETROCHEMICALS - Inter-commodity Spread Rates						
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Decrease	+12:-1	65%	65%	55%	55%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	15%	15%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Decrease	+1:-1	58%	58%	40%	40%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	59%	59%	40%	40%
CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Decrease	+12:-1	65%	65%	55%	55%
CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME) vs CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Decrease	+1:-1	58%	58%	40%	40%
CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	59%	59%	40%	40%
LIGHT SWEET CRUDE OIL (NY-CL) vs CONWAY NORMAL BUTANE SWAP (NY-8M)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Decrease	+12:-1	65%	65%	55%	55%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	15%	15%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Decrease	+1:-1	58%	58%	40%	40%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	59%	59%	40%	40%
MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME) vs CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	15%	15%
MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	15%	15%
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	15%	15%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	25%	25%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Decrease	+12:-1	65%	65%	55%	55%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME).						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	15%	15%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME).						
Spread Credit Rate	Decrease	+1:-1	25%	25%	15%	15%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Decrease	+1:-1	58%	58%	40%	40%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME).						
Spread Credit Rate	Decrease	+1:-1	58%	58%	40%	40%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	59%	59%	40%	40%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME).						
Spread Credit Rate	Decrease	+1:-1	59%	59%	40%	40%
REFINED PRODUCTS - Inter-commodity Spread Rates						
DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) FUTURES (NY-DUP - CME)						
Spread Credit Rate	New	+1:-1			80%	80%
DUBAI CRUDE OIL (PLATTS) FUTURES (NY-DCD - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) FUTURES (NY-DSE - CME)						
Spread Credit Rate	New	+1:-1			80%	80%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	25%	25%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
AGRICULTURE - Volatility Scan (volScan) Rate						
CASH SETTLED BUTTER (9R, CB, CB, DB, DB) - volScan						
Clearing Member Rate	Months 5-	Decrease		0.035		0.025
CASH SETTLED CHEESE (CSC, CSC) - volScan						
Clearing Member Rate	Mnth 1	Decrease		0.060		0.035
Clearing Member Rate	Mnths 2-5	Decrease		0.030		0.025
Clearing Member Rate	Mnths 6+	Decrease		0.030		0.025
CORN (C, C, CDF, YC, ZCT) - volScan						
Clearing Member Rate	Months 6-9	Decrease		0.030		0.025
Clearing Member Rate	Months 2-5	Decrease		0.030		0.025
Clearing Member Rate	Months 10+	Decrease		0.025		0.020
Clearing Member Rate	Month 1	Decrease		0.070		0.055
DRY WHEY (DY, DY) - volScan						
Clearing Member Rate	Month 1-2	Decrease		0.070		0.065
Clearing Member Rate	Month 3+	Decrease		0.040		0.030
FEEDER CATTLE (9F1, FC, FC, GFT) - volScan						
Clearing Member Rate	Month 1	Decrease		0.040		0.035
Clearing Member Rate	Month 2	Decrease		0.045		0.030
Clearing Member Rate	Month 3	Decrease		0.045		0.030
Clearing Member Rate	Month 4	Decrease		0.045		0.030
Clearing Member Rate	Month 5	Decrease		0.045		0.030
Clearing Member Rate	Months 6+	Decrease		0.045		0.030
KANSAS WHEAT FUTURES (KET, KW, KW, KWO, MKC) - volScan						
Clearing Member Rate	Months 2-5	Decrease		0.040		0.025
Clearing Member Rate	Months 6+	Decrease		0.030		0.020
Clearing Member Rate	Month1	Decrease		0.080		0.065
LEAN HOG (9H1, HET, LN, LN) - volScan						
Clearing Member Rate		Increase		0.055		0.070
Clearing Member Rate		Decrease		0.055		0.045
Clearing Member Rate		Decrease		0.040		0.035
Clearing Member Rate		Decrease		0.040		0.035
Clearing Member Rate		Decrease		0.040		0.035
Clearing Member Rate		Decrease		0.040		0.035
Clearing Member Rate		Decrease		0.040		0.035
Clearing Member Rate		Decrease		0.040		0.035
LIVE CATTLE (9K1, LC, LC, LET) - volScan						
Clearing Member Rate	Month 1	Decrease		0.090		0.060
MILK CLASS III (9M1, DA, DA, JQ, JQ) - volScan						
Clearing Member Rate	Less than 14 days to	Decrease		0.050		0.040
Clearing Member Rate	Month 1	Decrease		0.050		0.040

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
Clearing Member Rate	Months 2-5	Decrease		0.030		0.025
Clearing Member Rate	Months 6+	Decrease		0.030		0.025
MILK CLASS IV (9X1, DK, DK) - volScan						
Clearing Member Rate	Delivery Month	Decrease		0.060		0.050
Clearing Member Rate	Months 2-5	Decrease		0.045		0.035
Clearing Member Rate	Months 6+	Decrease		0.045		0.035
NONFAT DRY MILK (NF, NF) - volScan						
Clearing Member Rate	Month 1-2	Decrease		0.050		0.040
OATS (O, O) - volScan						
Clearing Member Rate		Decrease		0.065		0.050
RANDOM LENGTH LUMBER (LB, LB) - volScan						
Clearing Member Rate		Decrease		0.070		0.045
SOYBEAN MEAL (06, 06, ODF, USDINR, ZMT) - volScan						
Clearing Member Rate	Months 2-4	Decrease		0.045		0.040
Clearing Member Rate	Months 5-7	Decrease		0.030		0.020
Clearing Member Rate	Months 8+	Decrease		0.025		0.020
Clearing Member Rate	Month 1	Decrease		0.080		0.065
SOYBEAN OIL (07, 07, LDF, ZLT) - volScan						
Clearing Member Rate	Months 2-6	Decrease		0.035		0.020
Clearing Member Rate	Months 7+	Decrease		0.030		0.020
Clearing Member Rate	Month 1	Decrease		0.080		0.065
SOYBEANS (S, S, SBT, SDF, SRS, YK) - volScan						
Clearing Member Rate	Months 2-4	Decrease		0.050		0.030
Clearing Member Rate	Months 7+	Decrease		0.020		0.015
Clearing Member Rate	Months 5-6	Decrease		0.030		0.020
Clearing Member Rate	Month 1	Decrease		0.090		0.070
WHEAT (W, W, WDF, YW, ZWT) - volScan						
Clearing Member Rate	Months 2-5	Decrease		0.030		0.025
Clearing Member Rate	Months 6+	Decrease		0.030		0.025
Clearing Member Rate	Month 1	Decrease		0.080		0.065
ETHANOL - Volatility Scan (volScan) Rate						
CHICAGO ETHANOL (PLATTS) SWAP FUTURES (CU, CVR) - volScan						
Clearing Member Rate	Mth 1	Decrease		0.040		0.035

Splitting Methodology				
CC	Name	Current Splitting	New Splitting	Underlying Leg 1 Underlying Leg 2
MXR	Mini RBOB Gasoline vs. Gasoline Euro-bob Oxy NWE Barges (Argus) BALMO	None	Modified Split	27 7H
JFB	Jet Fuel Cargoes CIF NWE (Platts) Crack Spread BALMO Futures	None	Modified Split	UJ 26