22-087

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Wednesday, March 9, 2022

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. Please email any questions to Clearing.RiskManagement@cmegroup.com.

The rates will be effective after the close of business on

Thursday, March 10, 2022.

Current rates as of:

Wednesday, March 9, 2022.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
			AGRICULTURE - Outright Rates					
AUSTRALIAN WHEAT FUTURES (AUW)								
AUW	Non-HRP		Increase	USD	1,050	1,050	1,200	1,200
AUW	HRP		Increase	USD	1,155	1,050	1,320	1,200
BLACK SEA CORN FIN STL PLATTS FUT (BCF)								
BCF	Non-HRP		Increase	USD	1,200	1,200	1,400	1,400
BCF	HRP		Increase	USD	1,320	1,200	1,540	1,400
BLACK SEA WHEAT FIN STL PLATTS FUT (BWF)								
BWF	Non-HRP		Increase	USD	1,400	1,400	1,600	1,600
BWF	HRP		Increase	USD	1,540	1,400	1,760	1,600
CLASS III MILK FUTURES (DA)								
DA	Non-HRP	Months 16+	Increase	USD	750	750	825	825
DA	HRP	Months 16+	Increase	USD	825	750	908	825
MAP CFR BRAZIL FUTURES (MFC)								
MFC	Non-HRP	Mnth 1	Increase	USD	5,500	5,500	7,500	7,500
MFC	HRP	Mnth 1	Increase	USD	5,500	5,500	7,500	7,500
MFC	Non-HRP	Mnth 2+	Increase	USD	5,500	5,500	7,500	7,500
MFC	HRP	Mnth 2+	Increase	USD	5,500	5,500	7,500	7,500
MLK MID FUTURES (JQ)								
JQ	Non-HRP	Months 16+	Increase	USD	375	375	413	413
JQ	HRP	Months 16+	Increase	USD	413	375	454	413
UKRAINIAN WHEAT (PLATTS) FUTURES (UWF)								
UWF	Non-HRP		Increase	USD	950	950	1,100	1,100
UWF	HRP		Increase	USD	1,045	950	1,210	1,100
USD MALAY CRD PALM OIL BULLET FUT (CPV)								
CPV	Non-HRP	Mnth 1	Increase	USD	2,900	2,900	3,500	3,500
CPV	HRP	Mnth 1	Increase	USD	3,190	2,900	3,850	3,500
CPV	Non-HRP	Mnth 2-4	Increase	USD	2,400	2,400	2,900	2,900
CPV	HRP	Mnth 2-4	Increase	USD	2,640	2,400	3,190	2,900
CPV	Non-HRP	Mnth 5+	Increase	USD	2,000	2,000	2,500	2,500
CPV	HRP	Mnth 5+	Increase	USD	2,200	2,000	2,750	2,500
USD MALAYSIAN CRUDE PALM CAL FUT (CPO)								
CPO	Non-HRP	Mnth 1	Increase	USD	3,000	3,000	3,500	3,500
CPO	HRP	Mnth 1	Increase	USD	3,300	3,000	3,850	3,500
CPO	Non-HRP	Mnth 2-4	Increase	USD	2,400	2,400	2,900	2,900
CPO	HRP	Mnth 2-4	Increase	USD	2,640	2,400	3,190	2,900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CPO	Non-HRP	Mnth 5+	Increase	USD	2,000	2,000	2,500	2,500
CPO	HRP	Mnth 5+	Increase	USD	2,200	2,000	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								
			CRUDE OIL SPREADS - Outright Rates					
DATED TO FRONTLINE BRENT CLNDR FUT (FY)								
FY	Non-HRP	Mnth 1	Increase	USD	1,500	1,500	2,000	2,000
FY	HRP	Mnth 1	Increase	USD	1,650	1,500	2,200	2,000
FY	Non-HRP	Mnths 2 - 3	Increase	USD	1,400	1,400	1,900	1,900
FY	HRP	Mnths 2 - 3	Increase	USD	1,540	1,400	2,090	1,900
FY	Non-HRP	Mnths 4+	Increase	USD	840	840	1,100	1,100
FY	HRP	Mnths 4+	Increase	USD	924	840	1,210	1,100
ICE BRENT DUBAI FUT (DB)								
DB	Non-HRP	Mnth 1	Increase	USD	930	930	1,100	1,100
DB	HRP	Mnth 1	Increase	USD	1,023	930	1,210	1,100
DB	Non-HRP	Mnth 2	Increase	USD	910	910	1,000	1,000
DB	HRP	Mnth 2	Increase	USD	1,001	910	1,100	1,000
DB	Non-HRP	Mnths 3-8	Increase	USD	750	750	875	875
DB	HRP	Mnths 3-8	Increase	USD	825	750	963	875
DB	Non-HRP	Mnths 9+	Increase	USD	440	440	500	500
DB	HRP	Mnths 9+	Increase	USD	484	440	550	500
MARS (ARGUS) V WTI FUT (YX)								
YX	Non-HRP	Mnth 1	Increase	USD	1,250	1,250	1,500	1,500
YX	HRP	Mnth 1	Increase	USD	1,375	1,250	1,650	1,500
YX	Non-HRP	Mnths 2-7	Increase	USD	1,250	1,250	1,500	1,500
YX	HRP	Mnths 2-7	Increase	USD	1,375	1,250	1,650	1,500
YX	Non-HRP	Mnths 8+	Increase	USD	625	625	700	700
YX	HRP	Mnths 8+	Increase	USD	688	625	770	700
MARS (ARGUS) V WTI TRD MTH FUT (YV)								
YV	Non-HRP	Mnth 1	Increase	USD	1,300	1,300	1,700	1,700
YV	HRP	Mnth 1	Increase	USD	1,430	1,300	1,870	1,700
YV	Non-HRP	Mnths 2	Increase	USD	1,300	1,300	1,700	1,700
YV	HRP	Mnths 2	Increase	USD	1,430	1,300	1,870	1,700
YV	Non-HRP	Mnths 3-7	Increase	USD	820	820	1,100	1,100
YV	HRP	Mnths 3-7	Increase	USD	902	820	1,210	1,100
YV	Non-HRP	Mnths 8+	Increase	USD	575	575	650	650
YV	HRP	Mnths 8+	Increase	USD	633	575	715	650

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
WTI HOUSTON ARGUS V. WTI FINANCIAL (HIL)								
HIL	Non-HRP	Mnth1	Increase	USD	650	650	700	700
HIL	HRP	Mnth1	Increase	USD	715	650	770	700
HIL	Non-HRP	Mnth 2	Increase	USD	500	500	600	600
HIL	HRP	Mnth 2	Increase	USD	550	500	660	600
HIL	Non-HRP	Mnths 3-7	Increase	USD	475	475	550	550
HIL	HRP	Mnths 3-7	Increase	USD	523	475	605	550
HIL	Non-HRP	Mnths 8-19	Increase	USD	275	275	350	350
HIL	HRP	Mnths 8-19	Increase	USD	303	275	385	350
DME Products - Outright Rates								
BRENT CRUDE VS DUBAI CRUDE (DBI)								
DBI	Non-HRP	Mnth 1	Increase	USD	930	930	1,100	1,100
DBI	HRP	Mnth 1	Increase	USD	1,023	930	1,210	1,100
DBI	Non-HRP	Mnth 2	Increase	USD	910	910	1,050	1,050
DBI	HRP	Mnth 2	Increase	USD	1,001	910	1,155	1,050
DBI	Non-HRP	Mnths 3-8	Increase	USD	750	750	875	875
DBI	HRP	Mnths 3-8	Increase	USD	825	750	963	875
DBI	Non-HRP	Mnths 9+	Increase	USD	440	440	500	500
DBI	HRP	Mnths 9+	Increase	USD	484	440	550	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PETROLEUM CRACKS AND SPREADS - Outright Rates								
EUR DIESEL10PPM BRGS FOB ARA(PLATTS (ET)								
ET	Non-HRP	Mnths 1	Increase	USD	7,500	7,500	11,250	11,250
ET	HRP	Mnths 1	Increase	USD	8,250	7,500	12,375	11,250
ET	Non-HRP	Mnth 3	Increase	USD	6,000	6,000	8,750	8,750
ET	HRP	Mnth 3	Increase	USD	6,600	6,000	9,625	8,750
ET	Non-HRP	Mnth 2	Increase	USD	5,850	5,850	9,000	9,000
ET	HRP	Mnth 2	Increase	USD	6,435	5,850	9,900	9,000
ET	Non-HRP	Mnths 4+	Increase	USD	3,900	3,900	5,850	5,850
ET	HRP	Mnths 4+	Increase	USD	4,290	3,900	6,435	5,850
MINIEURDIESEL10 PPM BRGS ARA(P)VS.L (MUD)								
MUD	Non-HRP	Mnths 1	Increase	USD	750	750	1,125	1,125
MUD	HRP	Mnths 1	Increase	USD	825	750	1,238	1,125
MUD	Non-HRP	Mnth 3	Increase	USD	600	600	875	875
MUD	HRP	Mnth 3	Increase	USD	660	600	963	875
MUD	Non-HRP	Mnth 2	Increase	USD	585	585	900	900
MUD	HRP	Mnth 2	Increase	USD	644	585	990	900
MUD	Non-HRP	Mnths 4+	Increase	USD	390	390	585	585
MUD	HRP	Mnths 4+	Increase	USD	429	390	644	585
NY BUCKEYE JET FUEL VS NY HARB ULSD (JET)								
JET	Non-HRP	Mnth 1	Increase	USD	2,300	2,300	3,100	3,100
JET	HRP	Mnth 1	Increase	USD	2,530	2,300	3,410	3,100
JET	Non-HRP	Mnth 2	Increase	USD	2,250	2,250	3,050	3,050
JET	HRP	Mnth 2	Increase	USD	2,475	2,250	3,355	3,050
JET	Non-HRP	Mnths 3+	Increase	USD	2,200	2,200	3,000	3,000
JET	HRP	Mnths 3+	Increase	USD	2,420	2,200	3,300	3,000
NY ULSD VS. NY HRBR ULSD FUT (7Y)								
7Y	Non-HRP	Mnth 1	Increase	USD	1,150	1,150	1,700	1,700
7Y	HRP	Mnth 1	Increase	USD	1,265	1,150	1,870	1,700
7Y	Non-HRP	Mnth 2	Increase	USD	1,125	1,125	1,675	1,675
7Y	HRP	Mnth 2	Increase	USD	1,238	1,125	1,843	1,675
7Y	Non-HRP	Mnths 3+	Increase	USD	1,100	1,100	1,600	1,600
7Y	HRP	Mnths 3+	Increase	USD	1,210	1,100	1,760	1,600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SINGAPORE GASOIL VS ICE (GA)								
GA	Non-HRP	Mnth 1	Increase	USD	1,500	1,500	2,200	2,200
GA	HRP	Mnth 1	Increase	USD	1,650	1,500	2,420	2,200
GA	Non-HRP	Mnth 2	Increase	USD	1,450	1,450	2,000	2,000
GA	HRP	Mnth 2	Increase	USD	1,595	1,450	2,200	2,000
GA	Non-HRP	Mnths 3-6	Increase	USD	1,100	1,100	1,650	1,650
GA	HRP	Mnths 3-6	Increase	USD	1,210	1,100	1,815	1,650
GA	Non-HRP	Mnths 7+	Increase	USD	750	750	1,125	1,125
GA	HRP	Mnths 7+	Increase	USD	825	750	1,238	1,125
SINGAPORE JET KERO GASOIL FUT (RK)								
RK	Non-HRP	Mnth 1	Increase	USD	2,500	2,500	3,200	3,200
RK	HRP	Mnth 1	Increase	USD	2,750	2,500	3,520	3,200
RK	Non-HRP	Mnth 2	Increase	USD	1,500	1,500	2,200	2,200
RK	HRP	Mnth 2	Increase	USD	1,650	1,500	2,420	2,200
RK	Non-HRP	Mnth 3-4	Increase	USD	1,300	1,300	1,800	1,800
RK	HRP	Mnth 3-4	Increase	USD	1,430	1,300	1,980	1,800

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					
EIA FLAT TAX ONHWAY DIESEL FUT (A5)								
A5	Non-HRP	Mnth 1	Increase	USD	11,000	11,000	16,500	16,500
A5	HRP	Mnth 1	Increase	USD	12,100	11,000	18,150	16,500
A5	Non-HRP	Mnths 2-6	Increase	USD	10,750	10,750	16,000	16,000
A5	HRP	Mnths 2-6	Increase	USD	11,825	10,750	17,600	16,000
A5	Non-HRP	Mnths 7+	Increase	USD	8,250	8,250	10,000	10,000
A5	HRP	Mnths 7+	Increase	USD	9,075	8,250	11,000	10,000
EUROPEAN GASOIL ICE FUTURE (7F)								
7F	Non-HRP	Mnth 1	Increase	USD	7,700	7,700	10,000	10,000
7F	HRP	Mnth 1	Increase	USD	8,470	7,700	11,000	10,000
7F	Non-HRP	Mnths 2-6	Increase	USD	7,000	7,000	9,000	9,000
7F	HRP	Mnths 2-6	Increase	USD	7,700	7,000	9,900	9,000
7F	Non-HRP	Mnths 7-11	Increase	USD	5,000	5,000	7,000	7,000
7F	HRP	Mnths 7-11	Increase	USD	5,500	5,000	7,700	7,000
7F	Non-HRP	Mnths 12+	Increase	USD	4,000	4,000	5,000	5,000
7F	HRP	Mnths 12+	Increase	USD	4,400	4,000	5,500	5,000
EUROPEAN GASOIL ICE TAS FUTURE (7FT)								
7FT	Non-HRP	Mnth 1	Increase	USD	7,700	7,700	10,000	10,000
7FT	HRP	Mnth 1	Increase	USD	8,470	7,700	11,000	10,000
7FT	Non-HRP	Mnths 2-6	Increase	USD	7,000	7,000	9,000	9,000
7FT	HRP	Mnths 2-6	Increase	USD	7,700	7,000	9,900	9,000
7FT	Non-HRP	Mnths 7-11	Increase	USD	5,000	5,000	7,000	7,000
7FT	HRP	Mnths 7-11	Increase	USD	5,500	5,000	7,700	7,000
7FT	Non-HRP	Mnths 12+	Increase	USD	4,000	4,000	5,000	5,000
7FT	HRP	Mnths 12+	Increase	USD	4,400	4,000	5,500	5,000
GASOIL 0.1%BRGS FOB ARA (PLATTS)FUT (VL)								
VL	Non-HRP	Month 1	Increase	USD	94,000	94,000	122,500	122,500
VL	HRP	Month 1	Increase	USD	103,400	94,000	134,750	122,500
VL	Non-HRP	Month 2+	Increase	USD	92,500	92,500	120,000	120,000
VL	HRP	Month 2+	Increase	USD	101,750	92,500	132,000	120,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GASOIL BULLET FUT (BG)								
BG	Non-HRP	Mnth 1	Increase	USD	77,000	77,000	100,000	100,000
BG	HRP	Mnth 1	Increase	USD	84,700	77,000	110,000	100,000
BG	Non-HRP	Mnths 2-6	Increase	USD	70,000	70,000	90,000	90,000
BG	HRP	Mnths 2-6	Increase	USD	77,000	70,000	99,000	90,000
BG	Non-HRP	Mnths 7-11	Increase	USD	50,000	50,000	70,000	70,000
BG	HRP	Mnths 7-11	Increase	USD	55,000	50,000	77,000	70,000
BG	Non-HRP	Mnths 12+	Increase	USD	40,000	40,000	50,000	50,000
BG	HRP	Mnths 12+	Increase	USD	44,000	40,000	55,000	50,000
GULF COAST ULSD CALENDAR FUT (LY)								
LY	Non-HRP	Mnth 1	Increase	USD	12,500	12,500	16,000	16,000
LY	HRP	Mnth 1	Increase	USD	13,750	12,500	17,600	16,000
LY	Non-HRP	Mnths 2-6	Increase	USD	11,000	11,000	15,000	15,000
LY	HRP	Mnths 2-6	Increase	USD	12,100	11,000	16,500	15,000
LY	Non-HRP	Mnths 7-12	Increase	USD	8,000	8,000	9,500	9,500
LY	HRP	Mnths 7-12	Increase	USD	8,800	8,000	10,450	9,500
LY	Non-HRP	Mnths 13+	Increase	USD	6,600	6,600	7,500	7,500
LY	HRP	Mnths 13+	Increase	USD	7,260	6,600	8,250	7,500
MICRO GASOIL 0.1% BARGES FOB ARA (P (M1B)								
M1B	Non-HRP	Month 1	Increase	USD	940	940	1,225	1,225
M1B	HRP	Month 1	Increase	USD	1,034	940	1,348	1,225
M1B	Non-HRP	Month 2+	Increase	USD	925	925	1,200	1,200
M1B	HRP	Month 2+	Increase	USD	1,018	925	1,320	1,200
MICRO SINGAPORE FOB MARINE FUEL 0.5 (S5O)								
S5O	Non-HRP	Month 1	Increase	USD	690	690	750	750
S5O	HRP	Month 1	Increase	USD	759	690	825	750
S5O	Non-HRP	Month 2	Increase	USD	690	690	750	750
S5O	HRP	Month 2	Increase	USD	759	690	825	750
S5O	Non-HRP	Month 3+	Increase	USD	675	675	700	700
S5O	HRP	Month 3+	Increase	USD	743	675	770	700
MINI SINGAPORE FOB MARINE FUEL 0.5% (S5M)								
S5M	Non-HRP	Month 1	Increase	USD	6,900	6,900	7,500	7,500
S5M	HRP	Month 1	Increase	USD	7,590	6,900	8,250	7,500
S5M	Non-HRP	Month 2	Increase	USD	6,900	6,900	7,500	7,500
S5M	HRP	Month 2	Increase	USD	7,590	6,900	8,250	7,500
S5M	Non-HRP	Month 3+	Increase	USD	6,750	6,750	7,000	7,000
S5M	HRP	Month 3+	Increase	USD	7,425	6,750	7,700	7,000

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	Non-HRP	Mnth 1	Increase	USD	880	880	1,320	1,320
MSG	HRP	Mnth 1	Increase	USD	968	880	1,452	1,320
MSG	Non-HRP	Mnths 2-6	Increase	USD	825	825	1,235	1,235
MSG	HRP	Mnths 2-6	Increase	USD	908	825	1,359	1,235
MSG	Non-HRP	Mnths 7+	Increase	USD	620	620	825	825
MSG	HRP	Mnths 7+	Increase	USD	682	620	908	825
SINGAPORE FOB MARINE FUEL 0.5% (PLA (S5F)								
S5F	Non-HRP	Month 1	Increase	USD	69,000	69,000	75,000	75,000
S5F	HRP	Month 1	Increase	USD	75,900	69,000	82,500	75,000
S5F	Non-HRP	Month 2	Increase	USD	69,000	69,000	75,000	75,000
S5F	HRP	Month 2	Increase	USD	75,900	69,000	82,500	75,000
S5F	Non-HRP	Month 3+	Increase	USD	67,500	67,500	70,000	70,000
S5F	HRP	Month 3+	Increase	USD	74,250	67,500	77,000	70,000
SINGAPORE GASOIL FUT (SG)								
SG	Non-HRP	Mnth 1	Increase	USD	8,800	8,800	13,200	13,200
SG	HRP	Mnth 1	Increase	USD	9,680	8,800	14,520	13,200
SG	Non-HRP	Mnths 2-6	Increase	USD	8,250	8,250	12,350	12,350
SG	HRP	Mnths 2-6	Increase	USD	9,075	8,250	13,585	12,350
SG	Non-HRP	Mnths 7+	Increase	USD	6,200	6,200	8,250	8,250
SG	HRP	Mnths 7+	Increase	USD	6,820	6,200	9,075	8,250
SINGAPORE JET KEROSENE FUT (KS)								
KS	Non-HRP	Mnth 1	Increase	USD	10,000	10,000	15,000	15,000
KS	HRP	Mnth 1	Increase	USD	11,000	10,000	16,500	15,000
KS	Non-HRP	Mnths 2-6	Increase	USD	9,750	9,750	14,000	14,000
KS	HRP	Mnths 2-6	Increase	USD	10,725	9,750	15,400	14,000
KS	Non-HRP	Mnths 7+	Increase	USD	6,750	6,750	8,000	8,000
KS	HRP	Mnths 7+	Increase	USD	7,425	6,750	8,800	8,000
SYNT GULF COAST ULSD CALENDAR FU (SLY)								
SLY	Non-HRP	Mnth 1	Increase	USD	12,500	12,500	16,000	16,000
SLY	HRP	Mnth 1	Increase	USD	13,750	12,500	17,600	16,000
SLY	Non-HRP	Mnths 2-6	Increase	USD	11,000	11,000	15,000	15,000
SLY	HRP	Mnths 2-6	Increase	USD	12,100	11,000	16,500	15,000
SLY	Non-HRP	Mnths 7-12	Increase	USD	8,000	8,000	9,500	9,500
SLY	HRP	Mnths 7-12	Increase	USD	8,800	8,000	10,450	9,500
SLY	Non-HRP	Mnths 13+	Increase	USD	6,600	6,600	7,500	7,500
SLY	HRP	Mnths 13+	Increase	USD	7,260	6,600	8,250	7,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SYNTH 111 GULF COAST ULSD CAL FUTUR (111)								
111	Non-HRP	Mnth 1	Increase	USD	1,250	1,250	1,600	1,600
111	HRP	Mnth 1	Increase	USD	1,375	1,250	1,760	1,600
111	Non-HRP	Mnths 2-6	Increase	USD	1,100	1,100	1,500	1,500
111	HRP	Mnths 2-6	Increase	USD	1,210	1,100	1,650	1,500
111	Non-HRP	Mnths 7-12	Increase	USD	800	800	950	950
111	HRP	Mnths 7-12	Increase	USD	880	800	1,045	950
111	Non-HRP	Mnths 13+	Increase	USD	660	660	750	750
111	HRP	Mnths 13+	Increase	USD	726	660	825	750
SYNTHETI SINGAPORE JET KEROSENE FUT (SKS)								
SKS	Non-HRP	Mnth 1	Increase	USD	10,000	10,000	15,000	15,000
SKS	HRP	Mnth 1	Increase	USD	11,000	10,000	16,500	15,000
SKS	Non-HRP	Mnths 2-6	Increase	USD	9,750	9,750	14,000	14,000
SKS	HRP	Mnths 2-6	Increase	USD	10,725	9,750	15,400	14,000
SKS	Non-HRP	Mnths 7+	Increase	USD	6,750	6,750	8,000	8,000
SKS	HRP	Mnths 7+	Increase	USD	7,425	6,750	8,800	8,000
SYNTHETIC GASOIL BULLET FUT (SBG)								
SBG	Non-HRP	Mnth 1	Increase	USD	77,000	77,000	100,000	100,000
SBG	HRP	Mnth 1	Increase	USD	84,700	77,000	110,000	100,000
SBG	Non-HRP	Mnths 2-6	Increase	USD	70,000	70,000	90,000	90,000
SBG	HRP	Mnths 2-6	Increase	USD	77,000	70,000	99,000	90,000
SBG	Non-HRP	Mnths 7-11	Increase	USD	50,000	50,000	70,000	70,000
SBG	HRP	Mnths 7-11	Increase	USD	55,000	50,000	77,000	70,000
SBG	Non-HRP	Mnths 12+	Increase	USD	40,000	40,000	50,000	50,000
SBG	HRP	Mnths 12+	Increase	USD	44,000	40,000	55,000	50,000
SYNTHETIC SINGAPORE GASOIL FUT (SSG)								
SSG	Non-HRP	Mnth 1	Increase	USD	8,800	8,800	13,200	13,200
SSG	HRP	Mnth 1	Increase	USD	9,680	8,800	14,520	13,200
SSG	Non-HRP	Mnths 2-6	Increase	USD	8,250	8,250	12,350	12,350
SSG	HRP	Mnths 2-6	Increase	USD	9,075	8,250	13,585	12,350
SSG	Non-HRP	Mnths 7+	Increase	USD	6,200	6,200	8,250	8,250
SSG	HRP	Mnths 7+	Increase	USD	6,820	6,200	9,075	8,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			AGRICULTURE - Intra Spreads					
			(USD MALAY CRD PALM OIL BULLET FUT)					
CPV	Non-HRP		Increase	USD	675	675	800	800
CPV	HRP		Increase	USD	743	675	880	800
			All Mnths (BLACK SEA WHEAT FIN STL PLATTS FUT)					
BWF	Non-HRP		Increase	USD	800	800	1,000	1,000
BWF	HRP		Increase	USD	880	800	1,100	1,000
			Crude Palm Oil - All Months (USD MALAYSIAN CRUDE PALM CAL FUT)					
CPO	Non-HRP		Increase	USD	675	675	800	800
CPO	HRP		Increase	USD	743	675	880	800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			CRUDE OIL - Intra Spreads					
Dubai Crude Butterfly - Distance 1 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Non-HRP		Increase	USD	180	180	270	270
DC	HRP		Increase	USD	198	180	297	270
Dubai Crude Butterfly - Distance 1 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Non-HRP		Increase	USD	18	18	27	27
DBL	HRP		Increase	USD	20	18	30	27
Dubai Crude Butterfly - Distance 2 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Non-HRP		Increase	USD	450	450	775	775
DC	HRP		Increase	USD	495	450	853	775
Dubai Crude Butterfly - Distance 2 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Non-HRP		Increase	USD	45	45	78	78
DBL	HRP		Increase	USD	50	45	85	78
Mnth 1 vs 3-8 (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Increase	JPY	630,000	630,000	1,000,000	1,000,000
JCY	HRP		Increase	JPY	693,000	630,000	1,100,000	1,000,000
Mnth 1 vs Mnths 3-8 (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Increase	USD	5,500	5,500	9,000	9,000
JCC	HRP		Increase	USD	6,050	5,500	9,900	9,000
Mnth 2 vs 3-8 (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Increase	JPY	835,000	835,000	1,350,000	1,350,000
JCY	HRP		Increase	JPY	918,500	835,000	1,485,000	1,350,000
Mnth 2 vs Mnths 3-8 (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Increase	USD	7,250	7,250	12,000	12,000
JCC	HRP		Increase	USD	7,975	7,250	13,200	12,000
Mnths 3-8 vs 3-8 (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Increase	JPY	700,000	700,000	1,300,000	1,300,000
JCY	HRP		Increase	JPY	770,000	700,000	1,430,000	1,300,000
Mnths 3-8 vs 9+ (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Increase	JPY	690,000	690,000	1,150,000	1,150,000
JCY	HRP		Increase	JPY	759,000	690,000	1,265,000	1,150,000
Mnths 3-8 vs Mnths 3-8 (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Increase	USD	6,000	6,000	10,000	10,000
JCC	HRP		Increase	USD	6,600	6,000	11,000	10,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnths 3-8 vs Mnths 9+ (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Increase	USD	6,100	6,100	11,000	11,000
JCC	HRP		Increase	USD	6,710	6,100	12,100	11,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			CRUDE OIL SPREADS - Intra Spreads					
Consecutives 2vs3 (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Increase	USD	210	210	350	350
DB	HRP		Increase	USD	231	210	385	350
Dubai Brent Swap - Mnth 1 vs Mnths 2 (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Increase	USD	410	410	690	690
DB	HRP		Increase	USD	451	410	759	690
Dubai Brent Swap - Mnth 1 vs Mnths 3-8 (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Increase	USD	380	380	650	650
DB	HRP		Increase	USD	418	380	715	650
Dubai Brent Swap - Mnth 1 vs Mnths 9+ (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Increase	USD	300	300	400	400
DB	HRP		Increase	USD	330	300	440	400
Dubai Brent Swap - Mnths 2 vs Mnths 3-8 (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Increase	USD	420	420	710	710
DB	HRP		Increase	USD	462	420	781	710
Dubai Brent Swap - Mnths 2 vs Mnths 9+ (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Increase	USD	310	310	425	425
DB	HRP		Increase	USD	341	310	468	425
Dubai Brent Swap - Mnths 3-8 vs Mnths 9+ (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Increase	USD	335	335	450	450
DB	HRP		Increase	USD	369	335	495	450
Dubai Brent Swap - Mnths 3-8 vs Mnths 3-8 (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Increase	USD	400	400	675	675
DB	HRP		Increase	USD	440	400	743	675
Guernsey Light Sweet Crude Oil Index (Net Energy) Futures - All Months (GUERNSEY LIGHT SWEET (NE2) MNTH IND)								
GSW	Non-HRP		Increase	USD	1,900	1,900	3,200	3,200
GSW	HRP		Increase	USD	2,090	1,900	3,520	3,200
Mnth 1 vs 3+ (MARS (ARGUS) V WTI TRD MTH FUT)								
YV	Non-HRP		Increase	USD	550	550	700	700
YV	HRP		Increase	USD	605	550	770	700
Mnth 2 vs 3+ (MARS (ARGUS) V WTI TRD MTH FUT)								
YV	Non-HRP		Decrease	USD	680	680	480	480
YV	HRP		Decrease	USD	748	680	528	480

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnth1 vs 2 (MARS (ARGUS) V WTI TRD MTH FUT)								
YV	Non-HRP		Increase	USD	900	900	1,100	1,100
YV	HRP		Increase	USD	990	900	1,210	1,100
DME Products - Intra Spreads								
Oman Crude Butterfly - Distance 2 (DME OMAN CRUDE OIL)								
OQ	Non-HRP		Increase	USD	450	450	950	950
OQ	HRP		Increase	USD	495	450	1,045	950
Oman Crude Butterfly - Distance 2 (OMAN CRUDE FINANCIAL)								
ZG	Non-HRP		Increase	USD	450	450	950	950
ZG	HRP		Increase	USD	495	450	1,045	950
Oman Crude Butterfly - Distance 2 (OMAN CRUDE OIL TAM FUT)								
OQB	Non-HRP		Increase	USD	450	450	950	950
OQB	HRP		Increase	USD	495	450	1,045	950
Oman Crude Butterfly - Distance 2 (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Non-HRP		Increase	USD	450	450	950	950
OQ1	HRP		Increase	USD	495	450	1,045	950
Oman Crude Butterfly- Distance 1 (DME OMAN CRUDE OIL)								
OQ	Non-HRP		Increase	USD	250	250	450	450
OQ	HRP		Increase	USD	275	250	495	450
Oman Crude Butterfly- Distance 1 (OMAN CRUDE FINANCIAL)								
ZG	Non-HRP		Increase	USD	250	250	450	450
ZG	HRP		Increase	USD	275	250	495	450
Oman Crude Butterfly- Distance 1 (OMAN CRUDE OIL TAM FUT)								
OQB	Non-HRP		Increase	USD	250	250	450	450
OQB	HRP		Increase	USD	275	250	495	450
Oman Crude Butterfly- Distance 1 (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Non-HRP		Increase	USD	250	250	450	450
OQ1	HRP		Increase	USD	275	250	495	450

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			ELECTRICITY - Intra Spreads					
German Power Baseload Calendar month futures - Months 1 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	23,300	23,300	29,200	29,200
DEB	HRP		Increase	EUR	25,630	23,300	32,120	29,200
German Power Baseload Calendar month futures - Months 1 vs 3 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	26,500	26,500	33,200	33,200
DEB	HRP		Increase	EUR	29,150	26,500	36,520	33,200
German Power Baseload Calendar month futures - Months 1 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	26,500	26,500	33,200	33,200
DEB	HRP		Increase	EUR	29,150	26,500	36,520	33,200
German Power Baseload Calendar month futures - Months 10+ vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	24,400	24,400	30,500	30,500
DEB	HRP		Increase	EUR	26,840	24,400	33,550	30,500
German Power Baseload Calendar month futures - Months 2 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	24,400	24,400	30,500	30,500
DEB	HRP		Increase	EUR	26,840	24,400	33,550	30,500
German Power Baseload Calendar month futures - Months 2 vs 3 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	24,400	24,400	30,500	30,500
DEB	HRP		Increase	EUR	26,840	24,400	33,550	30,500
German Power Baseload Calendar month futures - Months 2 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	24,400	24,400	30,500	30,500
DEB	HRP		Increase	EUR	26,840	24,400	33,550	30,500
German Power Baseload Calendar month futures - Months 3 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	24,400	24,400	30,500	30,500
DEB	HRP		Increase	EUR	26,840	24,400	33,550	30,500
German Power Baseload Calendar month futures - Months 3 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	24,400	24,400	30,500	30,500
DEB	HRP		Increase	EUR	26,840	24,400	33,550	30,500
German Power Baseload Calendar month futures - Months 4-9 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	24,400	24,400	30,500	30,500
DEB	HRP		Increase	EUR	26,840	24,400	33,550	30,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
German Power Baseload Calendar month futures - Months 4-9 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	24,400	24,400	30,500	30,500
DEB	HRP		Increase	EUR	26,840	24,400	33,550	30,500
German Power Peakload Calendar month futures – Months 1 vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	6,800	6,800	8,500	8,500
DEP	HRP		Increase	EUR	7,480	6,800	9,350	8,500
German Power Peakload Calendar month futures – Months 1 vs 2 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	8,300	8,300	10,400	10,400
DEP	HRP		Increase	EUR	9,130	8,300	11,440	10,400
German Power Peakload Calendar month futures – Months 1 vs 3 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	6,800	6,800	8,500	8,500
DEP	HRP		Increase	EUR	7,480	6,800	9,350	8,500
German Power Peakload Calendar month futures – Months 1 vs 4-9 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	6,800	6,800	8,500	8,500
DEP	HRP		Increase	EUR	7,480	6,800	9,350	8,500
German Power Peakload Calendar month futures – Months 10+ vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	3,400	3,400	4,300	4,300
DEP	HRP		Increase	EUR	3,740	3,400	4,730	4,300
German Power Peakload Calendar month futures – Months 2 vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	7,300	7,300	9,200	9,200
DEP	HRP		Increase	EUR	8,030	7,300	10,120	9,200
German Power Peakload Calendar month futures – Months 2 vs 3 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	5,600	5,600	7,000	7,000
DEP	HRP		Increase	EUR	6,160	5,600	7,700	7,000
German Power Peakload Calendar month futures – Months 2 vs 4-9 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	6,200	6,200	7,800	7,800
DEP	HRP		Increase	EUR	6,820	6,200	8,580	7,800
German Power Peakload Calendar month futures – Months 3 vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	6,800	6,800	8,500	8,500
DEP	HRP		Increase	EUR	7,480	6,800	9,350	8,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
German Power Peakload Calendar month futures – Months 3 vs 4-9 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	6,200	6,200	7,800	7,800
DEP	HRP		Increase	EUR	6,820	6,200	8,580	7,800
German Power Peakload Calendar month futures – Months 4-9 vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	5,200	5,200	6,500	6,500
DEP	HRP		Increase	EUR	5,720	5,200	7,150	6,500
German Power Peakload Calendar month futures – Months 4-9 vs 4-9 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	5,600	5,600	7,000	7,000
DEP	HRP		Increase	EUR	6,160	5,600	7,700	7,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			NATURAL GAS - Intra Spreads					
(DUTCH TTF NAT GAS FIN M-1 AVG PRC)								
TTB	Non-HRP		Increase	USD	10,000	10,000	12,500	12,500
TTB	Non-HRP		Increase	USD	11,000	11,000	14,000	14,000
TTB	HRP		Increase	USD	11,000	10,000	13,750	12,500
TTB	HRP		Increase	USD	12,100	11,000	15,400	14,000
(DUTCH TTF NATURAL GAS FIN CAL M)								
TTG	Non-HRP		Increase	EUR	8,000	8,000	10,000	10,000
TTG	Non-HRP		Increase	EUR	9,000	9,000	11,300	11,300
TTG	Non-HRP		Increase	EUR	9,500	9,500	11,900	11,900
TTG	HRP		Increase	EUR	8,800	8,000	11,000	10,000
TTG	HRP		Increase	EUR	9,900	9,000	12,430	11,300
TTG	HRP		Increase	EUR	10,450	9,500	13,090	11,900
(DUTCH TTF NATURAL GAS FIN DAY AHEAD)								
TTI	Non-HRP		Increase	EUR	7,000	7,000	8,800	8,800
TTI	Non-HRP		Increase	EUR	8,000	8,000	10,000	10,000
TTI	Non-HRP		Increase	EUR	9,500	9,500	11,900	11,900
TTI	HRP		Increase	EUR	7,700	7,000	9,680	8,800
TTI	HRP		Increase	EUR	8,800	8,000	11,000	10,000
TTI	HRP		Increase	EUR	10,450	9,500	13,090	11,900
All Months (LNG JAPAN/KOREA MARKER (PLATTS) BAC)								
JKB	Non-HRP		Increase	USD	20,000	20,000	25,000	25,000
JKB	HRP		Increase	USD	22,000	20,000	27,500	25,000
All Months (LNG JAPAN/KOREA MARKER (PLATTS) FRO)								
JKF	Non-HRP		Increase	USD	20,000	20,000	25,000	25,000
JKF	HRP		Increase	USD	22,000	20,000	27,500	25,000
Consec Month 2-12 vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Increase	USD	60,000	60,000	75,000	75,000
JKM	HRP		Increase	USD	66,000	60,000	82,500	75,000
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	10,000	10,000	12,500	12,500
TTF	HRP		Increase	EUR	11,000	10,000	13,750	12,500
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 2 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	10,000	10,000	12,500	12,500
TTF	HRP		Increase	EUR	11,000	10,000	13,750	12,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 3 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	9,000	9,000	11,300	11,300
TTF	HRP		Increase	EUR	9,900	9,000	12,430	11,300
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	8,500	8,500	10,700	10,700
TTF	HRP		Increase	EUR	9,350	8,500	11,770	10,700
Dutch TTF Natural Gas Calendar Month Futures - Month 2 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	9,600	9,600	12,000	12,000
TTF	HRP		Increase	EUR	10,560	9,600	13,200	12,000
Dutch TTF Natural Gas Calendar Month Futures - Month 2 vs 3 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	9,000	9,000	11,300	11,300
TTF	HRP		Increase	EUR	9,900	9,000	12,430	11,300
Dutch TTF Natural Gas Calendar Month Futures - Month 2 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	10,000	10,000	12,500	12,500
TTF	HRP		Increase	EUR	11,000	10,000	13,750	12,500
Dutch TTF Natural Gas Calendar Month Futures - Month 3 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	9,500	9,500	11,900	11,900
TTF	HRP		Increase	EUR	10,450	9,500	13,090	11,900
Dutch TTF Natural Gas Calendar Month Futures - Month 3 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	9,500	9,500	11,900	11,900
TTF	HRP		Increase	EUR	10,450	9,500	13,090	11,900
Dutch TTF Natural Gas Calendar Month Futures - Months 10+ vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	9,500	9,500	11,900	11,900
TTF	HRP		Increase	EUR	10,450	9,500	13,090	11,900
Dutch TTF Natural Gas Calendar Month Futures - Months 4-9 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	9,500	9,500	11,900	11,900
TTF	HRP		Increase	EUR	10,450	9,500	13,090	11,900
Dutch TTF Natural Gas Calendar Month Futures - Months 4-9 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	9,500	9,500	11,900	11,900
TTF	HRP		Increase	EUR	10,450	9,500	13,090	11,900
Mnth 1 vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Increase	USD	80,000	80,000	100,000	100,000
JKM	HRP		Increase	USD	88,000	80,000	110,000	100,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnth 1 vs 2-12 (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Increase	USD	90,000	90,000	112,500	112,500
JKM	HRP		Increase	USD	99,000	90,000	123,750	112,500
Mnths 1 vs 13+ (LNG JAPAN KOREA MRK YEN FUT)								
JKY	Non-HRP		Increase	JPY	1,275,000	1,275,000	1,600,000	1,600,000
JKY	HRP		Increase	JPY	1,402,500	1,275,000	1,760,000	1,600,000
Mnths 13+ vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Increase	USD	70,000	70,000	87,500	87,500
JKM	HRP		Increase	USD	77,000	70,000	96,250	87,500
Mnths 13+ vs 13+ (LNG JAPAN KOREA MRK YEN FUT)								
JKY	Non-HRP		Increase	JPY	6,000,000	6,000,000	7,500,000	7,500,000
JKY	HRP		Increase	JPY	6,600,000	6,000,000	8,250,000	7,500,000
Mnths 2-12 vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Increase	USD	80,000	80,000	100,000	100,000
JKM	HRP		Increase	USD	88,000	80,000	110,000	100,000
Mnths 2-12 vs 13+ (LNG JAPAN KOREA MRK YEN FUT)								
JKY	Non-HRP		Increase	JPY	8,000,000	8,000,000	10,000,000	10,000,000
JKY	HRP		Increase	JPY	8,800,000	8,000,000	11,000,000	10,000,000
Mnths 2-12 vs 2-12 (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Increase	USD	80,000	80,000	100,000	100,000
JKM	HRP		Increase	USD	88,000	80,000	110,000	100,000
Mnths 2-12 vs 2-12 (LNG JAPAN KOREA MRK YEN FUT)								
JKY	Non-HRP		Increase	JPY	8,000,000	8,000,000	10,000,000	10,000,000
JKY	HRP		Increase	JPY	8,800,000	8,000,000	11,000,000	10,000,000
NBP Intras 1 vs 2+ (UK NBP NATURAL GAS FRONT MTH FUT)								
NBP	Non-HRP		Increase	USD	13,800	13,800	17,000	17,000
NBP	HRP		Increase	USD	15,180	13,800	18,700	17,000
NBP Intras 2+ vs 2+ (UK NBP NATURAL GAS FRONT MTH FUT)								
NBP	Non-HRP		Increase	USD	15,400	15,400	19,000	19,000
NBP	HRP		Increase	USD	16,940	15,400	20,900	19,000
RealPeriod 2 vs 2 (LNG JAPAN KOREA MRK YEN FUT)								
JKY	Non-HRP		Increase	JPY	6,000,000	6,000,000	7,500,000	7,500,000
JKY	HRP		Increase	JPY	6,600,000	6,000,000	8,250,000	7,500,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
TTE Intras 1vs 2+ (DUTCH TTF NATURAL GAS FRONT MTH FUT)								
TTE	Non-HRP		Increase	USD	20,000	20,000	25,000	25,000
TTE	HRP		Increase	USD	22,000	20,000	27,500	25,000
TTE Intras 2+ vs 2+ (DUTCH TTF NATURAL GAS FRONT MTH FUT)								
TTE	Non-HRP		Increase	USD	22,000	22,000	27,000	27,000
TTE	HRP		Increase	USD	24,200	22,000	29,700	27,000
UK NBP Natural Gas Calendar month futures - Months 1 vs 10+ (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	4,000	4,000	5,500	5,500
UKG	HRP		Increase	GBP	4,400	4,000	6,050	5,500
UK NBP Natural Gas Calendar month futures - Months 1 vs 2 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	3,800	3,800	5,000	5,000
UKG	HRP		Increase	GBP	4,180	3,800	5,500	5,000
UK NBP Natural Gas Calendar month futures - Months 1 vs 3 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	4,000	4,000	5,500	5,500
UKG	HRP		Increase	GBP	4,400	4,000	6,050	5,500
UK NBP Natural Gas Calendar month futures - Months 1 vs 4-9 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	4,000	4,000	5,500	5,500
UKG	HRP		Increase	GBP	4,400	4,000	6,050	5,500
UK NBP Natural Gas Calendar month futures - Months 10+ vs 10+ (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	3,800	3,800	5,000	5,000
UKG	HRP		Increase	GBP	4,180	3,800	5,500	5,000
UK NBP Natural Gas Calendar month futures - Months 2 vs 10+ (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	4,000	4,000	5,500	5,500
UKG	HRP		Increase	GBP	4,400	4,000	6,050	5,500
UK NBP Natural Gas Calendar month futures - Months 2 vs 3 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	3,800	3,800	5,000	5,000
UKG	HRP		Increase	GBP	4,180	3,800	5,500	5,000
UK NBP Natural Gas Calendar month futures - Months 2 vs 4-9 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	4,000	4,000	5,500	5,500
UKG	HRP		Increase	GBP	4,400	4,000	6,050	5,500
UK NBP Natural Gas Calendar month futures - Months 3 vs 10+ (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	3,800	3,800	5,000	5,000
UKG	HRP		Increase	GBP	4,180	3,800	5,500	5,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
UK NBP Natural Gas Calendar month futures - Months 3 vs 4-9 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	3,800	3,800	5,000	5,000
UKG	HRP		Increase	GBP	4,180	3,800	5,500	5,000
UK NBP Natural Gas Calendar month futures - Months 4-9 vs 10+ (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	4,000	4,000	5,500	5,500
UKG	HRP		Increase	GBP	4,400	4,000	6,050	5,500
UK NBP Natural Gas Calendar month futures - Months 4-9 vs 4-9 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	4,000	4,000	5,500	5,500
UKG	HRP		Increase	GBP	4,400	4,000	6,050	5,500
NGL/PETROCHEMICALS - Intra Spreads								
Mont Belvieu Natural Gasoline (OPIS) Swap - All Months (MT BELVIEU NAT GAS 5 D. OPIS)								
7Q	Non-HRP		Increase	USD	1,300	1,300	1,700	1,700
7Q	HRP		Increase	USD	1,430	1,300	1,870	1,700
Mont Belvieu Natural Gasoline (OPIS) Swap - All Months (SYNTH 119 MT BELVIEU NAT GAS 5 D. O)								
119	Non-HRP		Increase	USD	130	130	170	170
119	HRP		Increase	USD	143	130	187	170

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
PETROLEUM CRACKS AND SPREADS - Intra Spreads								
All Months (NY BUCKEYE JET FUEL VS NY HARB ULSD)								
JET	Non-HRP		Increase	USD	3,100	3,100	4,500	4,500
JET	HRP		Increase	USD	3,410	3,100	4,950	4,500
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 1-3 (JET CIF NWE VS ICE)								
JC	Non-HRP		Increase	USD	4,600	4,600	6,500	6,500
JC	HRP		Increase	USD	5,060	4,600	7,150	6,500
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 1-3 (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Non-HRP		Increase	USD	460	460	650	650
MJC	HRP		Increase	USD	506	460	715	650
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 4+ (JET CIF NWE VS ICE)								
JC	Non-HRP		Increase	USD	4,500	4,500	6,400	6,400
JC	HRP		Increase	USD	4,950	4,500	7,040	6,400
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 4+ (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Non-HRP		Increase	USD	450	450	640	640
MJC	HRP		Increase	USD	495	450	704	640
European Jet CIF NWE v. Gasoil Futures Swap - 4+ vs 4+ (JET CIF NWE VS ICE)								
JC	Non-HRP		Increase	USD	4,100	4,100	6,000	6,000
JC	HRP		Increase	USD	4,510	4,100	6,600	6,000
European Jet CIF NWE v. Gasoil Futures Swap - 4+ vs 4+ (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Non-HRP		Increase	USD	410	410	600	600
MJC	HRP		Increase	USD	451	410	660	600
Months 2+ vs 2+ (SINGAPORE JET KERO GASOIL FUT)								
RK	Non-HRP		Increase	USD	800	800	1,100	1,100
RK	HRP		Increase	USD	880	800	1,210	1,100
New York Jet Fuel (Argus) vs. Heating Oil Spread Swap Futures - (5U) - All Months (NY ULSD VS. NY HRBR ULSD FUT)								
7Y	Non-HRP		Increase	USD	1,450	1,450	2,000	2,000
7Y	HRP		Increase	USD	1,595	1,450	2,200	2,000
SINGAPORE JET KERO GASOIL SWAP - Consecutives (SINGAPORE JET KERO GASOIL FUT)								
RK	Non-HRP		Increase	USD	300	300	400	400
RK	HRP		Increase	USD	330	300	440	400
Singapore Jet Regrade: Jet Kero vs Gasoil Swap - Month 1 vs 2+ (SINGAPORE JET KERO GASOIL FUT)								
RK	Non-HRP		Increase	USD	825	825	1,150	1,150
RK	HRP		Increase	USD	908	825	1,265	1,150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			REFINED PRODUCTS - Intra Spreads					
(MICRO SINGAPORE FOB MARINE FUEL 0.5)								
S5O	Non-HRP		Increase	USD	140	140	238	238
S5O	Non-HRP		New	USD			248	248
S5O	HRP		New	USD			272	248
S5O	HRP		Increase	USD	154	140	261	238
(MINI SINGAPORE FOB MARINE FUEL 0.5%)								
S5M	Non-HRP		Increase	USD	1,400	1,400	2,375	2,375
S5M	Non-HRP		New	USD			2,475	2,475
S5M	HRP		New	USD			2,723	2,475
S5M	HRP		Increase	USD	1,540	1,400	2,613	2,375
(SINGAPORE FOB MARINE 0.5% (PLATTS))								
S53	Non-HRP		Increase	USD	7,700	7,700	13,500	13,500
S53	Non-HRP		Increase	USD	7,800	7,800	14,100	14,100
S53	HRP		Increase	USD	8,470	7,700	14,850	13,500
S53	HRP		Increase	USD	8,580	7,800	15,510	14,100
(SINGAPORE FOB MARINE FUEL 0.5% (PLA)								
S5F	Non-HRP		New	USD			24,750	24,750
S5F	Non-HRP		Increase	USD	14,000	14,000	23,750	23,750
S5F	HRP		Increase	USD	15,400	14,000	26,125	23,750
S5F	HRP		New	USD			27,225	24,750
(SYNT JAPAN C&F NAPHTHA FUT)								
SJA	Non-HRP		Increase	USD	5,000	5,000	8,250	8,250
SJA	Non-HRP		Increase	USD	15,500	15,500	21,000	21,000
SJA	Non-HRP		Increase	USD	15,000	15,000	25,000	25,000
SJA	HRP		Increase	USD	5,500	5,000	9,075	8,250
SJA	HRP		Increase	USD	17,050	15,500	23,100	21,000
SJA	HRP		Increase	USD	16,500	15,000	27,500	25,000
Consecutives (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		Increase	USD	550	550	650	650
SLY	HRP		Increase	USD	605	550	715	650
Consecutives 2+ (MICRO SINGAPORE FOB MARINE FUEL 0.5)								
S5O	Non-HRP		Increase	USD	50	50	60	60
S5O	HRP		Increase	USD	55	50	66	60
Consecutives 2+ (MINI SINGAPORE FOB MARINE FUEL 0.5%)								
S5M	Non-HRP		Increase	USD	500	500	600	600
S5M	HRP		Increase	USD	550	500	660	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Consecutives 2+ (SINGAPORE FOB MARINE FUEL 0.5% (PLA)								
S5F	Non-HRP		Increase	USD	5,000	5,000	6,000	6,000
S5F	HRP		Increase	USD	5,500	5,000	6,600	6,000
European 1% Fuel Oil Calendar Swap (Northwest Europe) - Mnth 1 vs 2+ (EUROPE 1% FUEL OIL NWE CALFUT)								
UF	Non-HRP		Increase	USD	14,100	14,100	18,500	18,500
UF	HRP		Increase	USD	15,510	14,100	20,350	18,500
European 1% Fuel Oil Calendar Swap (Northwest Europe) - Mnth 1 vs 2+ (MIN EUR 1% FUEL OIL CRGO FOBNWE FUT)								
0B	Non-HRP		Increase	USD	1,410	1,410	1,850	1,850
0B	HRP		Increase	USD	1,551	1,410	2,035	1,850
European 1% Fuel Oil Calendar Swap (Northwest Europe) - Mnths 2+ vs 2+ (EUROPE 1% FUEL OIL NWE CALFUT)								
UF	Non-HRP		Increase	USD	14,000	14,000	18,000	18,000
UF	HRP		Increase	USD	15,400	14,000	19,800	18,000
European 1% Fuel Oil Calendar Swap (Northwest Europe) - Mnths 2+ vs 2+ (MIN EUR 1% FUEL OIL CRGO FOBNWE FUT)								
0B	Non-HRP		Increase	USD	1,400	1,400	1,800	1,800
0B	HRP		Increase	USD	1,540	1,400	1,980	1,800
European 3.5% Fuel Oil Rotterdam Calendar Swap - Consecutive Months 2+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Increase	USD	1,400	1,400	2,200	2,200
UV	HRP		Increase	USD	1,540	1,400	2,420	2,200
European 3.5% Fuel Oil Rotterdam Calendar Swap - Consecutive Months 2+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Increase	USD	14	14	22	22
MEF	HRP		Increase	USD	15	14	24	22
European 3.5% Fuel Oil Rotterdam Calendar Swap - Consecutive Months 2+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Increase	USD	140	140	220	220
0D	HRP		Increase	USD	154	140	242	220
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 11+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Increase	USD	5,700	5,700	15,000	15,000
UV	HRP		Increase	USD	6,270	5,700	16,500	15,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 11+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Increase	USD	57	57	150	150
MEF	HRP		Increase	USD	63	57	165	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 11+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Increase	USD	570	570	1,500	1,500
0D	HRP		Increase	USD	627	570	1,650	1,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2-6 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Increase	USD	4,750	4,750	9,500	9,500
UV	HRP		Increase	USD	5,225	4,750	10,450	9,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2-6 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Increase	USD	48	48	95	95
MEF	HRP		Increase	USD	52	48	105	95
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2-6 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Increase	USD	475	475	950	950
0D	HRP		Increase	USD	523	475	1,045	950
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 7-10 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Increase	USD	9,000	9,000	18,000	18,000
UV	HRP		Increase	USD	9,900	9,000	19,800	18,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 7-10 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Increase	USD	90	90	180	180
MEF	HRP		Increase	USD	99	90	198	180
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 7-10 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Increase	USD	900	900	1,800	1,800
0D	HRP		Increase	USD	990	900	1,980	1,800
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 11+ vs 11+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Increase	USD	5,000	5,000	6,000	6,000
UV	HRP		Increase	USD	5,500	5,000	6,600	6,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 11+ vs 11+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Increase	USD	50	50	60	60
MEF	HRP		Increase	USD	55	50	66	60
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 11+ vs 11+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Increase	USD	500	500	600	600
0D	HRP		Increase	USD	550	500	660	600
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 11+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Increase	USD	7,000	7,000	14,000	14,000
UV	HRP		Increase	USD	7,700	7,000	15,400	14,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 11+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Increase	USD	70	70	140	140
MEF	HRP		Increase	USD	77	70	154	140
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 11+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Increase	USD	700	700	1,400	1,400
0D	HRP		Increase	USD	770	700	1,540	1,400
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 2-6 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Increase	USD	5,000	5,000	6,750	6,750
UV	HRP		Increase	USD	5,500	5,000	7,425	6,750
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 2-6 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Increase	USD	50	50	68	68
MEF	HRP		Increase	USD	55	50	74	68
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 2-6 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Increase	USD	500	500	675	675
0D	HRP		Increase	USD	550	500	743	675
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-10 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Increase	USD	9,100	9,100	14,500	14,500
UV	HRP		Increase	USD	10,010	9,100	15,950	14,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-10 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Increase	USD	91	91	145	145
MEF	HRP		Increase	USD	100	91	160	145
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-10 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Increase	USD	910	910	1,450	1,450
0D	HRP		Increase	USD	1,001	910	1,595	1,450
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-10 vs 11+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Increase	USD	3,250	3,250	4,800	4,800
UV	HRP		Increase	USD	3,575	3,250	5,280	4,800
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-10 vs 11+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Increase	USD	33	33	48	48
MEF	HRP		Increase	USD	36	33	53	48
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-10 vs 11+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Increase	USD	325	325	480	480
0D	HRP		Increase	USD	358	325	528	480

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-10 vs 7-10 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Increase	USD	3,200	3,200	5,200	5,200
UV	HRP		Increase	USD	3,520	3,200	5,720	5,200
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-10 vs 7-10 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Increase	USD	32	32	52	52
MEF	HRP		Increase	USD	35	32	57	52
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-10 vs 7-10 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Increase	USD	320	320	520	520
0D	HRP		Increase	USD	352	320	572	520
Gulf Coast ULSD Swap- Consecutive Month 2+ (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		Increase	USD	550	550	650	650
LY	HRP		Increase	USD	605	550	715	650
Gulf Coast ULSD Swap- Consecutive Month 2+ (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		Increase	USD	55	55	65	65
111	HRP		Increase	USD	61	55	72	65
Japan C&F Naphtha (Platts) Swap - All Months (121 SYNT JAPAN C&F NAPHTHA FUT)								
121	Non-HRP		Increase	USD	1,500	1,500	2,500	2,500
121	HRP		Increase	USD	1,650	1,500	2,750	2,500
Japan C&F Naphtha (Platts) Swap - All Months (JAPAN C&F NAPHTHA FUT)								
JA	Non-HRP		Increase	USD	15,000	15,000	25,000	25,000
JA	HRP		Increase	USD	16,500	15,000	27,500	25,000
Japan C&F Naphtha (Platts) Swap - All Months (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Non-HRP		Increase	USD	1,500	1,500	2,500	2,500
MJN	HRP		Increase	USD	1,650	1,500	2,750	2,500
Japan C&F Naphtha (Platts) Swap - Consecutive (121 SYNT JAPAN C&F NAPHTHA FUT)								
121	Non-HRP		Increase	USD	500	500	825	825
121	HRP		Increase	USD	550	500	908	825
Japan C&F Naphtha (Platts) Swap - Consecutive (JAPAN C&F NAPHTHA FUT)								
JA	Non-HRP		Increase	USD	5,000	5,000	8,250	8,250
JA	HRP		Increase	USD	5,500	5,000	9,075	8,250
Japan C&F Naphtha (Platts) Swap - Consecutive (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Non-HRP		Increase	USD	500	500	825	825
MJN	HRP		Increase	USD	550	500	908	825

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Japan C&F Naphtha (PLATTS) Swap - 2+ vs 2+ (121 SYNT JAPAN C&F NAPHTHA FUT)								
121	Non-HRP		Increase	USD	1,550	1,550	2,100	2,100
121	HRP		Increase	USD	1,705	1,550	2,310	2,100
Japan C&F Naphtha (PLATTS) Swap - 2+ vs 2+ (JAPAN C&F NAPHTHA FUT)								
JA	Non-HRP		Increase	USD	15,500	15,500	21,000	21,000
JA	HRP		Increase	USD	17,050	15,500	23,100	21,000
Japan C&F Naphtha (PLATTS) Swap - 2+ vs 2+ (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Non-HRP		Increase	USD	1,550	1,550	2,100	2,100
MJN	HRP		Increase	USD	1,705	1,550	2,310	2,100
Mnth 1 vs 2 (EUROPEAN FOB RDAM MARINE FUEL 0.5%)								
R5F	Non-HRP		Increase	USD	11,000	11,000	18,700	18,700
R5F	HRP		Increase	USD	12,100	11,000	20,570	18,700
Mnth 1 vs 2 (MICRO EURO MARINE 0.5% FO BARGES)								
R5O	Non-HRP		Increase	USD	110	110	187	187
R5O	HRP		Increase	USD	121	110	206	187
Mnth 1 vs 2 (MINI EUROPEAN FOB RDAM MARINE FUEL)								
R5M	Non-HRP		Increase	USD	1,100	1,100	1,870	1,870
R5M	HRP		Increase	USD	1,210	1,100	2,057	1,870
Mnth 1 vs 2-6 (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		New	USD			3,300	3,300
LY	HRP		New	USD			3,630	3,300
Mnth 1 vs 2-6 (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		New	USD			3,300	3,300
SLY	HRP		New	USD			3,630	3,300
Mnth 1 vs 2-6 (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		New	USD			330	330
111	HRP		New	USD			363	330
Mnth 1 vs 3+ (EUROPEAN FOB RDAM MARINE FUEL 0.5%)								
R5F	Non-HRP		Increase	USD	11,000	11,000	19,800	19,800
R5F	HRP		Increase	USD	12,100	11,000	21,780	19,800
Mnth 1 vs 3+ (MICRO EURO MARINE 0.5% FO BARGES)								
R5O	Non-HRP		Increase	USD	110	110	198	198
R5O	HRP		Increase	USD	121	110	218	198

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnth 1 vs 3+ (MINI EUROPEAN FOB RDAM MARINE FUEL)								
R5M	Non-HRP		Increase	USD	1,100	1,100	1,980	1,980
R5M	HRP		Increase	USD	1,210	1,100	2,178	1,980
Mnth 1 vs 7+ (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		New	USD			3,400	3,400
LY	HRP		New	USD			3,740	3,400
Mnth 1 vs 7+ (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		New	USD			3,400	3,400
SLY	HRP		New	USD			3,740	3,400
Mnth 1 vs 7+ (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		New	USD			340	340
111	HRP		New	USD			374	340
Mnths 2-6 vs 2-6 (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		Increase	USD	750	750	1,250	1,250
LY	HRP		Increase	USD	825	750	1,375	1,250
Mnths 2-6 vs 2-6 (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		Increase	USD	1,000	1,000	1,250	1,250
SLY	HRP		Increase	USD	1,100	1,000	1,375	1,250
Mnths 2-6 vs 2-6 (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		Increase	USD	75	75	125	125
111	HRP		Increase	USD	83	75	138	125
Mnths 2-6 vs 7+ (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		New	USD			800	800
LY	HRP		New	USD			880	800
Mnths 2-6 vs 7+ (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		New	USD			800	800
SLY	HRP		New	USD			880	800
Mnths 2-6 vs 7+ (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		New	USD			80	80
111	HRP		New	USD			88	80
Mnths 7+ vs 7+ (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		New	USD			1,200	1,200
LY	HRP		New	USD			1,320	1,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnths 7+ vs 7+ (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		New	USD			1,200	1,200
SLY	HRP		New	USD			1,320	1,200
Mnths 7+ vs 7+ (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		New	USD			120	120
111	HRP		New	USD			132	120
Month 1 vs 7+ (MICRO SINGAPORE FUEL OIL 380CST (PL)								
MAF	Non-HRP		Increase	USD	68	68	160	160
MAF	HRP		Increase	USD	74	68	176	160
Month 1 vs 7+ (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Non-HRP		Increase	USD	675	675	1,600	1,600
MTS	HRP		Increase	USD	743	675	1,760	1,600
Month 1 vs 7+ (SINGAPORE 380CST FUEL OIL FUT)								
SE	Non-HRP		Increase	USD	6,750	6,750	16,000	16,000
SE	HRP		Increase	USD	7,425	6,750	17,600	16,000
Month 2 vs Months 3+ (EUROPEAN FOB RDAM MARINE FUEL 0.5%)								
R5F	Non-HRP		Increase	USD	5,000	5,000	9,600	9,600
R5F	HRP		Increase	USD	5,500	5,000	10,560	9,600
Month 2 vs Months 3+ (MICRO EURO MARINE 0.5% FO BARGES)								
R5O	Non-HRP		Increase	USD	50	50	96	96
R5O	HRP		Increase	USD	55	50	106	96
Month 2 vs Months 3+ (MICRO SINGAPORE FOB MARINE FUEL 0.5)								
S5O	Non-HRP		Increase	USD	115	115	190	190
S5O	HRP		Increase	USD	127	115	209	190
Month 2 vs Months 3+ (MINI EUROPEAN FOB RDAM MARINE FUEL)								
R5M	Non-HRP		Increase	USD	500	500	960	960
R5M	HRP		Increase	USD	550	500	1,056	960
Month 2 vs Months 3+ (MINI SINGAPORE FOB MARINE FUEL 0.5%)								
S5M	Non-HRP		Increase	USD	1,150	1,150	1,900	1,900
S5M	HRP		Increase	USD	1,265	1,150	2,090	1,900
Month 2 vs Months 3+ (SINGAPORE FOB MARINE 0.5% (PLATTS))								
S53	Non-HRP		Increase	USD	10,500	10,500	17,000	17,000
S53	HRP		Increase	USD	11,550	10,500	18,700	17,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 2 vs Months 3+ (SINGAPORE FOB MARINE FUEL 0.5% (PLA)								
S5F	Non-HRP		Increase	USD	11,500	11,500	19,000	19,000
S5F	HRP		Increase	USD	12,650	11,500	20,900	19,000
Months 3+ vs Months 3+ (EUROPEAN FOB RDAM MARINE FUEL 0.5%)								
R5F	Non-HRP		Increase	USD	6,000	6,000	10,000	10,000
R5F	HRP		Increase	USD	6,600	6,000	11,000	10,000
Months 3+ vs Months 3+ (MICRO EURO MARINE 0.5% FO BARGES)								
R5O	Non-HRP		Increase	USD	60	60	100	100
R5O	HRP		Increase	USD	66	60	110	100
Months 3+ vs Months 3+ (MICRO SINGAPORE FOB MARINE FUEL 0.5)								
S5O	Non-HRP		Increase	USD	120	120	200	200
S5O	HRP		Increase	USD	132	120	220	200
Months 3+ vs Months 3+ (MINI EUROPEAN FOB RDAM MARINE FUEL)								
R5M	Non-HRP		Increase	USD	600	600	1,000	1,000
R5M	HRP		Increase	USD	660	600	1,100	1,000
Months 3+ vs Months 3+ (MINI SINGAPORE FOB MARINE FUEL 0.5%)								
S5M	Non-HRP		Increase	USD	1,200	1,200	2,000	2,000
S5M	HRP		Increase	USD	1,320	1,200	2,200	2,000
Months 3+ vs Months 3+ (SINGAPORE FOB MARINE 0.5% (PLATTS))								
S53	Non-HRP		Increase	USD	9,000	9,000	15,000	15,000
S53	HRP		Increase	USD	9,900	9,000	16,500	15,000
Months 3+ vs Months 3+ (SINGAPORE FOB MARINE FUEL 0.5% (PLA)								
S5F	Non-HRP		Increase	USD	12,000	12,000	20,000	20,000
S5F	HRP		Increase	USD	13,200	12,000	22,000	20,000
Months 7+ vs 7+ (MICRO SINGAPORE FUEL OIL 380CST (PL)								
MAF	Non-HRP		Increase	USD	75	75	118	118
MAF	HRP		Increase	USD	83	75	129	118
Months 7+ vs 7+ (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Non-HRP		Increase	USD	750	750	1,175	1,175
MTS	HRP		Increase	USD	825	750	1,293	1,175
Months 7+ vs 7+ (SINGAPORE 380CST FUEL OIL FUT)								
SE	Non-HRP		Increase	USD	7,500	7,500	11,750	11,750
SE	HRP		Increase	USD	8,250	7,500	12,925	11,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
NY Harbor Residual Fuel 1.0% Swap - All Months (NY HARBOR RESIDUAL FUEL 1.0% S FUT)								
MM	Non-HRP		Increase	USD	1,800	1,800	2,900	2,900
MM	HRP		Increase	USD	1,980	1,800	3,190	2,900
Premium Unl Gasoline 10ppm (Platts) FOB Med Swap - All Months (PREMIUM UNLD 10P FOB MED FUT)								
3G	Non-HRP		Increase	USD	13,000	13,000	21,000	21,000
3G	HRP		Increase	USD	14,300	13,000	23,100	21,000
Singapore 380CST Fuel Oil - 2-6 vs 7+ (MICRO SINGAPORE FUEL OIL 380CST (PL)								
MAF	Non-HRP		Increase	USD	90	90	150	150
MAF	HRP		Increase	USD	99	90	165	150
Singapore 380CST Fuel Oil - 2-6 vs 7+ (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Non-HRP		Increase	USD	900	900	1,500	1,500
MTS	HRP		Increase	USD	990	900	1,650	1,500
Singapore 380CST Fuel Oil - 2-6 vs 7+ (SINGAPORE 380CST FUEL OIL FUT)								
SE	Non-HRP		Increase	USD	9,000	9,000	15,000	15,000
SE	HRP		Increase	USD	9,900	9,000	16,500	15,000
Singapore 380cst Fuel Oil Swap - 1 vs 2-6 (MICRO SINGAPORE FUEL OIL 380CST (PL)								
MAF	Non-HRP		Increase	USD	67	67	120	120
MAF	HRP		Increase	USD	74	67	132	120
Singapore 380cst Fuel Oil Swap - 1 vs 2-6 (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Non-HRP		Increase	USD	670	670	1,200	1,200
MTS	HRP		Increase	USD	737	670	1,320	1,200
Singapore 380cst Fuel Oil Swap - 1 vs 2-6 (SINGAPORE 380CST FUEL OIL FUT)								
SE	Non-HRP		Increase	USD	6,700	6,700	12,000	12,000
SE	HRP		Increase	USD	7,370	6,700	13,200	12,000
Singapore Gasoil Swap - Consecutives (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Non-HRP		Increase	USD	55	55	93	93
MSG	HRP		Increase	USD	61	55	102	93
Singapore Gasoil Swap - Consecutives (SINGAPORE GASOIL FUT)								
SG	Non-HRP		Increase	USD	550	550	925	925
SG	HRP		Increase	USD	605	550	1,018	925
Singapore Gasoil Swap - Consecutives (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Non-HRP		Increase	USD	550	550	925	925
SSG	HRP		Increase	USD	605	550	1,018	925

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore Gasoil Swap - Months 1vs Months 2-8 (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Non-HRP		Increase	USD	170	170	300	300
MSG	HRP		Increase	USD	187	170	330	300
Singapore Gasoil Swap - Months 1vs Months 2-8 (SINGAPORE GASOIL FUT)								
SG	Non-HRP		Increase	USD	1,700	1,700	3,000	3,000
SG	HRP		Increase	USD	1,870	1,700	3,300	3,000
Singapore Gasoil Swap - Months 1vs Months 2-8 (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Non-HRP		Increase	USD	1,700	1,700	3,000	3,000
SSG	HRP		Increase	USD	1,870	1,700	3,300	3,000
Singapore Gasoil Swap - Months 1vs Months 9+ (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Non-HRP		Increase	USD	150	150	240	240
MSG	HRP		Increase	USD	165	150	264	240
Singapore Gasoil Swap - Months 1vs Months 9+ (SINGAPORE GASOIL FUT)								
SG	Non-HRP		Increase	USD	1,500	1,500	2,400	2,400
SG	HRP		Increase	USD	1,650	1,500	2,640	2,400
Singapore Gasoil Swap - Months 1vs Months 9+ (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Non-HRP		Increase	USD	1,500	1,500	2,400	2,400
SSG	HRP		Increase	USD	1,650	1,500	2,640	2,400
Singapore Gasoil Swap - Months 2-8 vs 2-8 (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Non-HRP		Increase	USD	175	175	290	290
MSG	HRP		Increase	USD	193	175	319	290
Singapore Gasoil Swap - Months 2-8 vs 2-8 (SINGAPORE GASOIL FUT)								
SG	Non-HRP		Increase	USD	1,750	1,750	2,900	2,900
SG	HRP		Increase	USD	1,925	1,750	3,190	2,900
Singapore Gasoil Swap - Months 2-8 vs 2-8 (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Non-HRP		Increase	USD	1,750	1,750	2,900	2,900
SSG	HRP		Increase	USD	1,925	1,750	3,190	2,900
Singapore Gasoil Swap - Months 2-8 vs Months 9+ (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Non-HRP		Increase	USD	160	160	270	270
MSG	HRP		Increase	USD	176	160	297	270
Singapore Gasoil Swap - Months 2-8 vs Months 9+ (SINGAPORE GASOIL FUT)								
SG	Non-HRP		Increase	USD	1,600	1,600	2,700	2,700
SG	HRP		Increase	USD	1,760	1,600	2,970	2,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore Gasoil Swap - Months 2-8 vs Months 9+ (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Non-HRP		Increase	USD	1,600	1,600	2,700	2,700
SSG	HRP		Increase	USD	1,760	1,600	2,970	2,700
Singapore Gasoil Swap - Months 9+ vs Months 9+ (MINI SINGAPORE GASOIL PLATS FUTURES)								
MSG	Non-HRP		Increase	USD	55	55	75	75
MSG	HRP		Increase	USD	61	55	83	75
Singapore Gasoil Swap - Months 9+ vs Months 9+ (SINGAPORE GASOIL FUT)								
SG	Non-HRP		Increase	USD	550	550	750	750
SG	HRP		Increase	USD	605	550	825	750
Singapore Gasoil Swap - Months 9+ vs Months 9+ (SYNTHETIC SINGAPORE GASOIL FUT)								
SSG	Non-HRP		Increase	USD	550	550	750	750
SSG	HRP		Increase	USD	605	550	825	750
Singapore Jet Kerosene Swap - Consecutives (SINGAPORE JET KEROSENE FUT)								
KS	Non-HRP		Increase	USD	530	530	900	900
KS	HRP		Increase	USD	583	530	990	900
Singapore Jet Kerosene Swap - Consecutives (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Non-HRP		Increase	USD	530	530	900	900
SKS	HRP		Increase	USD	583	530	990	900
Singapore Jet Kerosene Swap - Tier 1 vs Tier 2 (SINGAPORE JET KEROSENE FUT)								
KS	Non-HRP		Increase	USD	2,000	2,000	3,000	3,000
KS	HRP		Increase	USD	2,200	2,000	3,300	3,000
Singapore Jet Kerosene Swap - Tier 1 vs Tier 2 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Non-HRP		Increase	USD	2,000	2,000	3,000	3,000
SKS	HRP		Increase	USD	2,200	2,000	3,300	3,000
Singapore Jet Kerosene Swap - Tier 1 vs Tier 3 (SINGAPORE JET KEROSENE FUT)								
KS	Non-HRP		Increase	USD	2,100	2,100	3,100	3,100
KS	HRP		Increase	USD	2,310	2,100	3,410	3,100
Singapore Jet Kerosene Swap - Tier 1 vs Tier 3 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Non-HRP		Increase	USD	2,100	2,100	3,100	3,100
SKS	HRP		Increase	USD	2,310	2,100	3,410	3,100
Singapore Jet Kerosene Swap - Tier 2 vs Tier 2 (SINGAPORE JET KEROSENE FUT)								
KS	Non-HRP		Increase	USD	1,350	1,350	2,300	2,300
KS	HRP		Increase	USD	1,485	1,350	2,530	2,300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore Jet Kerosene Swap - Tier 2 vs Tier 2 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Non-HRP		Increase	USD	1,350	1,350	2,300	2,300
SKS	HRP		Increase	USD	1,485	1,350	2,530	2,300
Singapore Jet Kerosene Swap - Tier 2 vs Tier 3 (SINGAPORE JET KEROSENE FUT)								
KS	Non-HRP		Increase	USD	900	900	1,500	1,500
KS	HRP		Increase	USD	990	900	1,650	1,500
Singapore Jet Kerosene Swap - Tier 2 vs Tier 3 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Non-HRP		Increase	USD	900	900	1,500	1,500
SKS	HRP		Increase	USD	990	900	1,650	1,500
Singapore Jet Kerosene Swap - Tier 3 vs Tier 3 (SINGAPORE JET KEROSENE FUT)								
KS	Non-HRP		Increase	USD	1,250	1,250	2,100	2,100
KS	HRP		Increase	USD	1,375	1,250	2,310	2,100
Singapore Jet Kerosene Swap - Tier 3 vs Tier 3 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Non-HRP		Increase	USD	1,250	1,250	2,100	2,100
SKS	HRP		Increase	USD	1,375	1,250	2,310	2,100
Singapore Mogas 92 Unleaded (Platts) Swap - Consecutive (118 SYNTHET MOGAS92 UNLEADED (P)								
118	Non-HRP		New	USD			75	75
118	HRP		New	USD			83	75
Singapore Mogas 92 Unleaded (Platts) Swap - Consecutive (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Non-HRP		New	USD			750	750
1N	HRP		New	USD			825	750
Singapore Mogas 92 Unleaded (Platts) Swap - Mth 1 vs 3+ (118 SYNTHET MOGAS92 UNLEADED (P)								
118	Non-HRP		New	USD			160	160
118	HRP		New	USD			176	160
Singapore Mogas 92 Unleaded (Platts) Swap - Mth 1 vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Non-HRP		New	USD			1,600	1,600
1N	HRP		New	USD			1,760	1,600
Singapore Mogas 92 Unleaded (Platts) Swap - Mth 1 vs Mths 2+ (118 SYNTHET MOGAS92 UNLEADED (P)								
118	Non-HRP		New	USD			150	150
118	HRP		New	USD			165	150
Singapore Mogas 92 Unleaded (Platts) Swap - Mth 1 vs Mths 2+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Non-HRP		New	USD			1,500	1,500
1N	HRP		New	USD			1,650	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore Mogas 92 Unleaded (Platts) Swap - Mths 2 vs 3+ (118 SYNTHET MOGAS92 UNLEADED (P)								
118	Non-HRP		New	USD			210	210
118	HRP		New	USD			231	210
Singapore Mogas 92 Unleaded (Platts) Swap - Mths 2 vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Non-HRP		New	USD			2,100	2,100
1N	HRP		New	USD			2,310	2,100
Singapore Mogas 92 Unleaded (Platts) Swap - Mths 3+ vs 3+ (118 SYNTHET MOGAS92 UNLEADED (P)								
118	Non-HRP		New	USD			225	225
118	HRP		New	USD			248	225
Singapore Mogas 92 Unleaded (Platts) Swap - Mths 3+ vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)								
1N	Non-HRP		New	USD			2,250	2,250
1N	HRP		New	USD			2,475	2,250

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						
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	New	+12:-1			65%	65%
Spread Credit Rate	Decrease	+12:-1	70%	70%	55%	55%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	New	+12:-1			65%	65%
Spread Credit Rate	Decrease	+12:-1	65%	65%	50%	50%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	New	+1:-1			65%	65%
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	New	+1:-1			87%	87%
Spread Credit Rate	Decrease	+1:-1	87%	87%	80%	80%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	New	+1:-1			65%	65%
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
REFINED PRODUCTS - Inter-commodity Spread Rates						
EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME) vs EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME)						
Spread Credit Rate	New	+1:-1			92%	92%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	New	+12:-1			65%	65%
Spread Credit Rate	Decrease	+12:-1	70%	70%	55%	55%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	New	+12:-1			65%	65%
Spread Credit Rate	Decrease	+12:-1	65%	65%	50%	50%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	New	+1:-1			65%	65%
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	New	+1:-1			87%	87%
Spread Credit Rate	Decrease	+1:-1	87%	87%	80%	80%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	New	+1:-1			65%	65%
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%