



20-187

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Tuesday, May 5, 2020

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

Wednesday, May 6, 2020.

Current rates as of:

Tuesday, May 5, 2020.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
COAL - Outright Rates								
COAL (ICI4) INDONESIAN COAL INDEX (ICI)								
ICI	Spec	Mth 1	Increase	USD	2,750	2,500	3,575	3,250
ICI	Hedge/Member	Mth 1	Increase	USD	2,500	2,500	3,250	3,250
ICI	Spec	Mths 2-5	Increase	USD	2,750	2,500	3,300	3,000
ICI	Hedge/Member	Mths 2-5	Increase	USD	2,500	2,500	3,000	3,000
ICI	Spec	Mnths 6+	Increase	USD	2,750	2,500	3,190	2,900
ICI	Hedge/Member	Mnths 6+	Increase	USD	2,500	2,500	2,900	2,900
FREIGHT - Outright Rates								
FREIGHT ROUTE TC12 (BALTIC) FUT (FRS)								
FRS	Spec	Month 1	Increase	USD	9,900	9,000	13,200	12,000
FRS	Hedge/Member	Month 1	Increase	USD	9,000	9,000	12,000	12,000
FREIGHT ROUTE TC14 (BALTIC) FUTURES (FRC)								
FRC	Spec	Mnth 1	Increase	USD	12,100	11,000	13,200	12,000
FRC	Hedge/Member	Mnth 1	Increase	USD	11,000	11,000	12,000	12,000
FRC	Spec	Mnths 2	Increase	USD	12,100	11,000	13,200	12,000
FRC	Hedge/Member	Mnths 2	Increase	USD	11,000	11,000	12,000	12,000
FREIGHT ROUTE TC6 (BALTIC) FUT (TC6)								
TC6	Spec	Mnth 1	Increase	USD	2,750	2,500	5,500	5,000
TC6	Hedge/Member	Mnth 1	Increase	USD	2,500	2,500	5,000	5,000
TC6	Spec	Mnth 2	Increase	USD	2,530	2,300	5,500	5,000
TC6	Hedge/Member	Mnth 2	Increase	USD	2,300	2,300	5,000	5,000
TC5 RAS TANURA TO YOKOHAMA 55K MT (TH)								
TH	Spec	Mth 1	Increase	USD	14,300	13,000	19,800	18,000
TH	Hedge/Member	Mth 1	Increase	USD	13,000	13,000	18,000	18,000
TH	Spec	Mths 2-3	Increase	USD	12,980	11,800	14,850	13,500
TH	Hedge/Member	Mths 2-3	Increase	USD	11,800	11,800	13,500	13,500

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								
CHICAGO UNL GAS PL VS RBOB SPR (3C)								
3C	Spec	Mnth 1-2	Increase	USD	4,400	4,000	5,170	4,700
3C	Hedge/Member	Mnth 1-2	Increase	USD	4,000	4,000	4,700	4,700
E/W NAPHTHA JAPAN CF VS CRGOES CIF (EWN)								
EWN	Spec	Mnth 1	Increase	USD	11,000	10,000	13,200	12,000
EWN	Hedge/Member	Mnth 1	Increase	USD	10,000	10,000	12,000	12,000
EWN	Spec	Mnths 2-4	Increase	USD	10,120	9,200	12,650	11,500
EWN	Hedge/Member	Mnths 2-4	Increase	USD	9,200	9,200	11,500	11,500
EWN	Spec	Mnths 5-9	Increase	USD	7,150	6,500	9,900	9,000
EWN	Hedge/Member	Mnths 5-9	Increase	USD	6,500	6,500	9,000	9,000
EWN	Spec	Mnths 10-15	Increase	USD	4,840	4,400	5,720	5,200
EWN	Hedge/Member	Mnths 10-15	Increase	USD	4,400	4,400	5,200	5,200
EWN	Spec	Mnths 16+	Increase	USD	3,960	3,600	4,400	4,000
EWN	Hedge/Member	Mnths 16+	Increase	USD	3,600	3,600	4,000	4,000
EUR DIESEL10PPM BRGS FOB ARA(PLATTS (ET)								
ET	Spec	Mnths 1	Increase	USD	4,620	4,200	5,720	5,200
ET	Hedge/Member	Mnths 1	Increase	USD	4,200	4,200	5,200	5,200
ET	Spec	Mnth 3	Increase	USD	3,520	3,200	4,950	4,500
ET	Hedge/Member	Mnth 3	Increase	USD	3,200	3,200	4,500	4,500
ET	Spec	Mnth 2	Increase	USD	4,620	4,200	5,720	5,200
ET	Hedge/Member	Mnth 2	Increase	USD	4,200	4,200	5,200	5,200
ET	Spec	Mnths 4+	Increase	USD	3,300	3,000	3,630	3,300
ET	Hedge/Member	Mnths 4+	Increase	USD	3,000	3,000	3,300	3,300
EUR1%FUEL OIL CARG FOB MED V FOBNWE (ENS)								
ENS	Spec	Mth 1	Increase	USD	2,090	1,900	3,080	2,800
ENS	Hedge/Member	Mth 1	Increase	USD	1,900	1,900	2,800	2,800
JAPAN C&F NAPHTHA CRACK SPREAD (JB)								
JB	Spec		Increase	USD	4,070	3,700	4,675	4,250
JB	Hedge/Member		Increase	USD	3,700	3,700	4,250	4,250
LA CARBD (OPIS) VS. NY HRBR ULSD (KL)								
KL	Spec	Mnth 2	Increase	USD	6,600	6,000	7,480	6,800
KL	Hedge/Member	Mnth 2	Increase	USD	6,000	6,000	6,800	6,800
KL	Spec	Mnths 3+	Increase	USD	6,600	6,000	7,480	6,800
KL	Hedge/Member	Mnths 3+	Increase	USD	6,000	6,000	6,800	6,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

MINIEURDIESEL10 PPM BRGS ARA(P)VS.L (MUD)

MUD	Spec	Mnths 1	Increase	USD	462	420	572	520
MUD	Hedge/Member	Mnths 1	Increase	USD	420	420	520	520
MUD	Spec	Mnth 3	Increase	USD	352	320	495	450
MUD	Hedge/Member	Mnth 3	Increase	USD	320	320	450	450
MUD	Spec	Mnth 2	Increase	USD	462	420	572	520
MUD	Hedge/Member	Mnth 2	Increase	USD	420	420	520	520
MUD	Spec	Mnths 4+	Increase	USD	330	300	363	330
MUD	Hedge/Member	Mnths 4+	Increase	USD	300	300	330	330

NY ULSD (PLATTS) VS NY HRBR FUT (UY)

UY	Spec		Increase	USD	990	900	1,430	1,300
UY	Hedge/Member		Increase	USD	900	900	1,300	1,300

NY ULSD VS. NY HRBR ULSD FUT (7Y)

7Y	Spec	Mnth 1	Increase	USD	1,100	1,000	1,650	1,500
7Y	Hedge/Member	Mnth 1	Increase	USD	1,000	1,000	1,500	1,500
7Y	Spec	Mnth 2	Increase	USD	1,100	1,000	1,650	1,500
7Y	Hedge/Member	Mnth 2	Increase	USD	1,000	1,000	1,500	1,500
7Y	Spec	Mnths 3+	Increase	USD	1,067	970	1,595	1,450
7Y	Hedge/Member	Mnths 3+	Increase	USD	970	970	1,450	1,450

SINGAPORE GASOIL VS ICE (GA)

GA	Spec	Mnth 1	Increase	USD	748	680	880	800
GA	Hedge/Member	Mnth 1	Increase	USD	680	680	800	800

REFINED PRODUCTS - Outright Rates

EUR DIESEL10PPM BRGS FOB ARA(P)FUT (GT)

GT	Spec		Increase	USD	30,250	27,500	39,600	36,000
GT	Hedge/Member		Increase	USD	27,500	27,500	36,000	36,000

PREMIUM UNLD 10P FOB MED FUT (3G)

3G	Spec	Mnth 1	Increase	USD	74,250	67,500	81,400	74,000
3G	Hedge/Member	Mnth 1	Increase	USD	67,500	67,500	74,000	74,000
3G	Spec	Mnths 2+	Increase	USD	66,000	60,000	73,700	67,000
3G	Hedge/Member	Mnths 2+	Increase	USD	60,000	60,000	67,000	67,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
COAL - Intra Spreads								
Consecutive Spread (COAL (ICI4) INDONESIAN COAL INDEX)								
ICI	Spec		Increase	USD	1,320	1,200	1,760	1,600
ICI	Hedge/Member		Increase	USD	1,200	1,200	1,600	1,600
Mnth 1 vs Mnth 2 (COAL (ICI4) INDONESIAN COAL INDEX)								
ICI	Spec		Increase	USD	3,080	2,800	3,850	3,500
ICI	Hedge/Member		Increase	USD	2,800	2,800	3,500	3,500
Mnth 1 vs Mnth 2+ (COAL (ICI4) INDONESIAN COAL INDEX)								
ICI	Spec		Increase	USD	2,860	2,600	3,520	3,200
ICI	Hedge/Member		Increase	USD	2,600	2,600	3,200	3,200
Mnth 2 vs Mnth 2+ (COAL (ICI4) INDONESIAN COAL INDEX)								
ICI	Spec		Increase	USD	2,420	2,200	2,970	2,700
ICI	Hedge/Member		Increase	USD	2,200	2,200	2,700	2,700
Mnth 2+ vs Mnth 2+ (COAL (ICI4) INDONESIAN COAL INDEX)								
ICI	Spec		Increase	USD	2,420	2,200	2,970	2,700
ICI	Hedge/Member		Increase	USD	2,200	2,200	2,700	2,700

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								
CHI Unleaded Gasoline (Platts) Vs. RBOB Spread Swap - All Months (CHICAGO UNL GAS PL VS RBOB SPR)								
3C	Spec		Increase	USD	3,850	3,500	4,950	4,500
3C	Hedge/Member		Increase	USD	3,500	3,500	4,500	4,500
Consecutives 2/3 (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Increase	USD	1,760	1,600	2,145	1,950
ME	Hedge/Member		Increase	USD	1,600	1,600	1,950	1,950
East-West Naphtha: Japan C&F vs. Cargoes CIF NWE Spread (Platts) Swap Futures - Tier 1 vs. Tier 2 (E/W NAPHTHA JAPAN CF VS CRGOES CIF)								
EWN	Spec		Increase	USD	5,500	5,000	6,600	6,000
EWN	Hedge/Member		Increase	USD	5,000	5,000	6,000	6,000
East-West Naphtha: Japan C&F vs. Cargoes CIF NWE Spread (Platts) Swap Futures - Tier 2 vs. Tier 2 (E/W NAPHTHA JAPAN CF VS CRGOES CIF)								
EWN	Spec		Increase	USD	2,805	2,550	3,740	3,400
EWN	Hedge/Member		Increase	USD	2,550	2,550	3,400	3,400
European 1% Fuel Oil Cargoes FOB MED vs. European 1% Fuel Oil Cargoes FOB NWE Spread (Platts) Swap Futures- All Months (EUR1%FUEL OIL CARG FOB MED V FOBNWE)								
ENS	Spec		Increase	USD	3,300	3,000	3,850	3,500
ENS	Hedge/Member		Increase	USD	3,000	3,000	3,500	3,500
European Gasoil 10PPM Rdam Barges v. Gasoil Futures Swap - Month 1 vs Months 2+ (EUR DIESEL10PPM BRGS FOB ARA(PLATTS))								
ET	Spec		Increase	USD	3,190	2,900	3,410	3,100
ET	Hedge/Member		Increase	USD	2,900	2,900	3,100	3,100
European Gasoil 10PPM Rdam Barges v. Gasoil Futures Swap - Month 1 vs Months 2+ (MINIEURDIESEL10 PPM BRGS ARA(P)VS.L)								
MUD	Spec		Increase	USD	319	290	341	310
MUD	Hedge/Member		Increase	USD	290	290	310	310
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 4+ (JET CIF NWE VS ICE)								
JC	Spec		Increase	USD	6,930	6,300	8,800	8,000
JC	Hedge/Member		Increase	USD	6,300	6,300	8,000	8,000
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 4+ (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Spec		Increase	USD	693	630	880	800
MJC	Hedge/Member		Increase	USD	630	630	800	800
European Jet CIF NWE v. Gasoil Futures Swap - 4+ vs 4+ (JET CIF NWE VS ICE)								
JC	Spec		Increase	USD	3,135	2,850	4,070	3,700
JC	Hedge/Member		Increase	USD	2,850	2,850	3,700	3,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European Jet CIF NWE v. Gasoil Futures Swap - 4+ vs 4+ (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Spec		Increase	USD	314	285	407	370
MJC	Hedge/Member		Increase	USD	285	285	370	370
Los Angeles Carb Diesel (OPIS) Spread Swap - All Months (LA CARBD (OPIS) VS. NY HRBR ULSD)								
KL	Spec		Increase	USD	6,875	6,250	7,700	7,000
KL	Hedge/Member		Increase	USD	6,250	6,250	7,000	7,000
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Consecutives (SINGAPORE GASOIL VS ICE)								
GA	Spec		Increase	USD	275	250	341	310
GA	Hedge/Member		Increase	USD	250	250	310	310
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 2v2 (SINGAPORE GASOIL VS ICE)								
GA	Spec		Increase	USD	440	400	583	530
GA	Hedge/Member		Increase	USD	400	400	530	530
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 2v3 (SINGAPORE GASOIL VS ICE)								
GA	Spec		Increase	USD	440	400	589	535
GA	Hedge/Member		Increase	USD	400	400	535	535
REFINED PRODUCTS - Intra Spreads								
Premium Unl Gasoline 10ppm (Platts) FOB Med Swap - All Months (PREMIUM UNLD 10P FOB MED FUT)								
3G	Spec		Increase	USD	9,900	9,000	12,100	11,000
3G	Hedge/Member		Increase	USD	9,000	9,000	11,000	11,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
CRUDE OIL - Inter-commodity Spread Rates						
BRENT CRUDE OIL BULLET SWAP FINANCIAL (NYM-BB, BZ, CY) vs DUBAI CRUDE OIL CALENDAR SWAP (NYM-DC - CME)						
Spread Credit Rate	Decrease	+1:-1	88%	88%	85%	85%
BRENT CRUDE OIL BULLET SWAP FINANCIAL (NYM-BB, BZ, CY) vs OMAN CRUDE OIL (NYM-OQ - CME)						
Spread Credit Rate	Decrease	+1:-1	88%	88%	84%	84%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-1	88%	88%	84%	84%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs EUROPEAN 1% FUEL OIL CARGOES FOB MED (PLATTS) SWAP FUTURES (NY-EFM - CME)						
Spread Credit Rate	Decrease	+19:-3	75%	75%	71%	71%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-1	85%	85%	79%	79%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs SINGAPORE MOGAS 95 UNLEADED (PLATTS) SWAP FUTURES (NY-V0 - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	50%	50%
DME Products - Inter-commodity Spread Rates						
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+2:-15	72%	72%	66%	66%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-12	50%	50%	41%	41%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-12	55%	55%	40%	40%
BRENT CRUDE OIL BULLET SWAP FINANCIAL (NYM-BB, BZ, CY) vs OMAN CRUDE OIL (NYM-OQ - CME)						
Spread Credit Rate	Decrease	+1:-1	88%	88%	84%	84%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-1	88%	88%	84%	84%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-1	85%	85%	79%	79%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-12	50%	50%	40%	40%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+2:-15	70%	70%	65%	65%
OMAN CRUDE OIL (NY-OQ - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	Decrease	+12:-1	50%	50%	41%	41%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
OMAN CRUDE OIL (NY-OQ - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Decrease	+12:-1	55%	55%	40%	40%
OMAN CRUDE OIL (NY-OQ - CME) vs EUROPEAN 1% FUEL OIL CARGOES FOB MED (PLATTS) SWAP FUTURES (NY-EFM - CME)						
Spread Credit Rate	Decrease	+19:-3	75%	75%	70%	70%
OMAN CRUDE OIL (NY-OQ - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Decrease	+12:-1	50%	50%	40%	40%
OMAN CRUDE OIL (NY-OQ - CME) vs SINGAPORE MOGAS 95 UNLEADED (PLATTS) SWAP FUTURES (NY-V0 - CME)						
Spread Credit Rate	Decrease	+1:-1	69%	69%	56%	56%
NGL/PETROCHEMICALS - Inter-commodity Spread Rates						
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-12	50%	50%	41%	41%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-12	55%	55%	40%	40%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-12	50%	50%	40%	40%
OMAN CRUDE OIL (NY-OQ - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	Decrease	+12:-1	50%	50%	41%	41%
OMAN CRUDE OIL (NY-OQ - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Decrease	+12:-1	55%	55%	40%	40%
OMAN CRUDE OIL (NY-OQ - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Decrease	+12:-1	50%	50%	40%	40%

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						
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+2:-15	72%	72%	66%	66%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs EUROPEAN 1% FUEL OIL CARGOES FOB MED (PLATTS) SWAP FUTURES (NY-EFM - CME)						
Spread Credit Rate	Decrease	+19:-3	75%	75%	71%	71%
DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME) vs SINGAPORE MOGAS 95 UNLEADED (PLATTS) SWAP FUTURES (NY-V0 - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	50%	50%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+2:-15	70%	70%	65%	65%
OMAN CRUDE OIL (NY-OQ - CME) vs EUROPEAN 1% FUEL OIL CARGOES FOB MED (PLATTS) SWAP FUTURES (NY-EFM - CME)						
Spread Credit Rate	Decrease	+19:-3	75%	75%	70%	70%
OMAN CRUDE OIL (NY-OQ - CME) vs SINGAPORE MOGAS 95 UNLEADED (PLATTS) SWAP FUTURES (NY-V0 - CME)						
Spread Credit Rate	Decrease	+1:-1	69%	69%	56%	56%