



17-503

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Wednesday, December 20, 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>

and subscribe to the Performance Bond Rates Advisory Notice listserver.

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

The rates will be effective after the close of business on

Thursday, December 21, 2017.

Current rates as of:

Wednesday, December 20, 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 volatility scan range is the change in implied volatility that is used in each of SPAN's 16 scenarios.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC | Rate Type | Description | Change | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|--|--------------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| Outright Rates | | | | | | | | |
| AGRICULTURE - Outright Rates | | | | | | | | |
| UREA (GRANULAR) FOB U.S. GULF SWAP (UFN) | | | | | | | | |
| UFN | Spec | Months 7+ | Increase | USD | 2,145 | 1,950 | 2,420 | 2,200 |
| UFN | Hedge/Member | Months 7+ | Increase | USD | 1,950 | 1,950 | 2,200 | 2,200 |
| FX - Outright Rates | | | | | | | | |
| CHILEAN PESO/US DOLLAR CLP/USD FUT (CHP) | | | | | | | | |
| CHP | Spec | | Increase | USD | 1,705 | 1,550 | 2,035 | 1,850 |
| CHP | Hedge/Member | | Increase | USD | 1,550 | 1,550 | 1,850 | 1,850 |
| PETROLEUM CRACKS AND SPREADS - Outright Rates | | | | | | | | |
| 1% FUEL OIL RDM VS 1% OIL NWE PLTS (33) | | | | | | | | |
| 33 | Spec | Mnth 1 | Decrease | USD | 1,265 | 1,150 | 1,100 | 1,000 |
| 33 | Hedge/Member | Mnth 1 | Decrease | USD | 1,150 | 1,150 | 1,000 | 1,000 |
| 33 | Spec | Mnth 2 | Decrease | USD | 1,210 | 1,100 | 1,045 | 950 |
| 33 | Hedge/Member | Mnth 2 | Decrease | USD | 1,100 | 1,100 | 950 | 950 |
| E/W NAPHTHA JAPAN CF VS CRGOES CIF (EWN) | | | | | | | | |
| EWN | Spec | Mnth 1 | Decrease | USD | 3,190 | 2,900 | 2,860 | 2,600 |
| EWN | Hedge/Member | Mnth 1 | Decrease | USD | 2,900 | 2,900 | 2,600 | 2,600 |
| EWN | Spec | Mnths 2-4 | Decrease | USD | 3,080 | 2,800 | 2,750 | 2,500 |
| EWN | Hedge/Member | Mnths 2-4 | Decrease | USD | 2,800 | 2,800 | 2,500 | 2,500 |
| EAST/WEST FUEL OIL SPREAD FUT (EW) | | | | | | | | |
| EW | Spec | Mth 1 | Decrease | USD | 12,100 | 11,000 | 10,450 | 9,500 |
| EW | Hedge/Member | Mth 1 | Decrease | USD | 11,000 | 11,000 | 9,500 | 9,500 |
| EURO DIESEL 10PPM VS. ICE (ET) | | | | | | | | |
| ET | Spec | Mnths 1 | Decrease | USD | 1,980 | 1,800 | 1,320 | 1,200 |
| ET | Hedge/Member | Mnths 1 | Decrease | USD | 1,800 | 1,800 | 1,200 | 1,200 |
| ET | Spec | Mnths 3-6 | Decrease | USD | 1,650 | 1,500 | 1,100 | 1,000 |
| ET | Hedge/Member | Mnths 3-6 | Decrease | USD | 1,500 | 1,500 | 1,000 | 1,000 |
| ET | Spec | Mnth 2 | New | USD | | | 1,650 | 1,500 |
| ET | Hedge/Member | Mnth 2 | New | USD | | | 1,500 | 1,500 |
| FUELOIL FUT:CARGOES VS.BARGES (FS) | | | | | | | | |
| FS | Spec | Mnths 2-5 | Decrease | USD | 2,970 | 2,700 | 2,750 | 2,500 |
| FS | Hedge/Member | Mnths 2-5 | Decrease | USD | 2,700 | 2,700 | 2,500 | 2,500 |
| JAPAN C&F NAPHTHA DUBAI (PLATTS) CR (JNC) | | | | | | | | |
| JNC | Spec | Mnth 1 | Decrease | USD | 2,640 | 2,400 | 1,650 | 1,500 |
| JNC | Hedge/Member | Mnth 1 | Decrease | USD | 2,400 | 2,400 | 1,500 | 1,500 |

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC | Rate Type | Description | Change | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|--|--------------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| Outright Rates | | | | | | | | |
| JNC | Spec | Mnths 2+ | Decrease | USD | 2,200 | 2,000 | 1,430 | 1,300 |
| JNC | Hedge/Member | Mnths 2+ | Decrease | USD | 2,000 | 2,000 | 1,300 | 1,300 |
| MIN ULSD 10PPM CRGS CIF NWE VS GSL (MGN) | | | | | | | | |
| MGN | Spec | Mnth 1 | Decrease | USD | 330 | 300 | 220 | 200 |
| MGN | Hedge/Member | Mnth 1 | Decrease | USD | 300 | 300 | 200 | 200 |
| MINI EAST-WEST FUEL OIL FUTURES (MEW) | | | | | | | | |
| MEW | Spec | Mth 1 | Decrease | USD | 1,210 | 1,100 | 1,045 | 950 |
| MEW | Hedge/Member | Mth 1 | Decrease | USD | 1,100 | 1,100 | 950 | 950 |
| MINI EUR DIESEL10PPM VS ICE GS FUT (MUD) | | | | | | | | |
| MUD | Spec | Mnths 1 | Decrease | USD | 198 | 180 | 132 | 120 |
| MUD | Hedge/Member | Mnths 1 | Decrease | USD | 180 | 180 | 120 | 120 |
| MUD | Spec | Mnths 3-6 | Decrease | USD | 165 | 150 | 110 | 100 |
| MUD | Hedge/Member | Mnths 3-6 | Decrease | USD | 150 | 150 | 100 | 100 |
| MUD | Spec | Mnth 2 | New | USD | | | 165 | 150 |
| MUD | Hedge/Member | Mnth 2 | New | USD | | | 150 | 150 |
| SINGAPORE FUEL OIL SPREAD FUT (SD) | | | | | | | | |
| SD | Spec | Mnths 1 | Decrease | USD | 2,200 | 2,000 | 1,650 | 1,500 |
| SD | Hedge/Member | Mnths 1 | Decrease | USD | 2,000 | 2,000 | 1,500 | 1,500 |
| SD | Spec | Mnths 5-25 | Decrease | USD | 440 | 400 | 385 | 350 |
| SD | Hedge/Member | Mnths 5-25 | Decrease | USD | 400 | 400 | 350 | 350 |
| SD | Spec | Mnths 26+ | Decrease | USD | 440 | 400 | 385 | 350 |
| SD | Hedge/Member | Mnths 26+ | Decrease | USD | 400 | 400 | 350 | 350 |
| SPORE FUEL OIL 180CST 6.35 DUBAI CK (STS) | | | | | | | | |
| STS | Spec | Mnth 1 | Decrease | USD | 3,300 | 3,000 | 2,750 | 2,500 |
| STS | Hedge/Member | Mnth 1 | Decrease | USD | 3,000 | 3,000 | 2,500 | 2,500 |
| STS | Spec | Mnths 2+ | Decrease | USD | 1,870 | 1,700 | 1,650 | 1,500 |
| STS | Hedge/Member | Mnths 2+ | Decrease | USD | 1,700 | 1,700 | 1,500 | 1,500 |
| SPORE MOGAS92 UNLD BRENT SPRD FUT (1NB) | | | | | | | | |
| 1NB | Spec | Mnth 1 | Decrease | USD | 1,760 | 1,600 | 1,540 | 1,400 |
| 1NB | Hedge/Member | Mnth 1 | Decrease | USD | 1,600 | 1,600 | 1,400 | 1,400 |
| 1NB | Spec | Mnth 2 | Decrease | USD | 2,090 | 1,900 | 1,760 | 1,600 |
| 1NB | Hedge/Member | Mnth 2 | Decrease | USD | 1,900 | 1,900 | 1,600 | 1,600 |
| ULSD 10PPM V. ICE FUT (TP) | | | | | | | | |
| TP | Spec | Mnth 1 | Decrease | USD | 3,300 | 3,000 | 2,200 | 2,000 |
| TP | Hedge/Member | Mnth 1 | Decrease | USD | 3,000 | 3,000 | 2,000 | 2,000 |

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

EIA FLAT TAX ONHWAY DIESEL FUT (A5)

| | | | | | | | | |
|----|--------------|-----------|----------|-----|-------|-------|-------|-------|
| A5 | Spec | Mnth 1 | Decrease | USD | 5,500 | 5,000 | 4,840 | 4,400 |
| A5 | Hedge/Member | Mnth 1 | Decrease | USD | 5,000 | 5,000 | 4,400 | 4,400 |
| A5 | Spec | Mnths 2-6 | Decrease | USD | 4,070 | 3,700 | 3,575 | 3,250 |
| A5 | Hedge/Member | Mnths 2-6 | Decrease | USD | 3,700 | 3,700 | 3,250 | 3,250 |
| A5 | Spec | Mnths 7+ | Decrease | USD | 3,300 | 3,000 | 3,025 | 2,750 |
| A5 | Hedge/Member | Mnths 7+ | Decrease | USD | 3,000 | 3,000 | 2,750 | 2,750 |

EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)

| | | | | | | | | |
|----|--------------|------------|----------|-----|--------|--------|--------|--------|
| UV | Spec | Mnths 2-6 | Decrease | USD | 14,850 | 13,500 | 13,750 | 12,500 |
| UV | Hedge/Member | Mnths 2-6 | Decrease | USD | 13,500 | 13,500 | 12,500 | 12,500 |
| UV | Spec | Mnths 7-10 | Decrease | USD | 14,850 | 13,500 | 12,100 | 11,000 |
| UV | Hedge/Member | Mnths 7-10 | Decrease | USD | 13,500 | 13,500 | 11,000 | 11,000 |
| UV | Spec | Mnths 11+ | Decrease | USD | 14,850 | 13,500 | 11,550 | 10,500 |
| UV | Hedge/Member | Mnths 11+ | Decrease | USD | 13,500 | 13,500 | 10,500 | 10,500 |

EUROPE NAPHTHA CALFUT (UN)

| | | | | | | | | |
|----|--------------|----------|----------|-----|--------|--------|--------|--------|
| UN | Spec | Mths 1 | Decrease | USD | 23,100 | 21,000 | 18,700 | 17,000 |
| UN | Hedge/Member | Mths 1 | Decrease | USD | 21,000 | 21,000 | 17,000 | 17,000 |
| UN | Spec | Mths 2-6 | Decrease | USD | 26,400 | 24,000 | 21,450 | 19,500 |
| UN | Hedge/Member | Mths 2-6 | Decrease | USD | 24,000 | 24,000 | 19,500 | 19,500 |
| UN | Spec | Mnths 7+ | Decrease | USD | 23,100 | 21,000 | 20,900 | 19,000 |
| UN | Hedge/Member | Mnths 7+ | Decrease | USD | 21,000 | 21,000 | 19,000 | 19,000 |

GULF COAST HSFO (PLATTS) FUTURES (MF)

| | | | | | | | | |
|----|--------------|-----------|----------|-----|-------|-------|-------|-------|
| MF | Spec | Mnth 1 | Decrease | USD | 2,750 | 2,500 | 2,145 | 1,950 |
| MF | Hedge/Member | Mnth 1 | Decrease | USD | 2,500 | 2,500 | 1,950 | 1,950 |
| MF | Spec | Mnths 2-6 | Decrease | USD | 2,750 | 2,500 | 2,145 | 1,950 |
| MF | Hedge/Member | Mnths 2-6 | Decrease | USD | 2,500 | 2,500 | 1,950 | 1,950 |
| MF | Spec | Mnths 7+ | Decrease | USD | 2,640 | 2,400 | 1,980 | 1,800 |
| MF | Hedge/Member | Mnths 7+ | Decrease | USD | 2,400 | 2,400 | 1,800 | 1,800 |

GULF COAST JET FUEL CLNDR FUT (GE)

| | | | | | | | | |
|----|--------------|-----------|----------|-----|-------|-------|-------|-------|
| GE | Spec | Mnth 1 | Decrease | USD | 4,180 | 3,800 | 3,190 | 2,900 |
| GE | Hedge/Member | Mnth 1 | Decrease | USD | 3,800 | 3,800 | 2,900 | 2,900 |
| GE | Spec | Mnths 2-6 | Decrease | USD | 4,180 | 3,800 | 3,190 | 2,900 |
| GE | Hedge/Member | Mnths 2-6 | Decrease | USD | 3,800 | 3,800 | 2,900 | 2,900 |
| GE | Spec | Mnths 7+ | Decrease | USD | 3,740 | 3,400 | 2,970 | 2,700 |
| GE | Hedge/Member | Mnths 7+ | Decrease | USD | 3,400 | 3,400 | 2,700 | 2,700 |

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC | Rate Type | Description | Change | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|---|--------------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| Outright Rates | | | | | | | | |
| GULF COAST ULSD CALENDAR FUT (LY) | | | | | | | | |
| LY | Spec | Mnth 1 | Decrease | USD | 3,630 | 3,300 | 2,585 | 2,350 |
| LY | Hedge/Member | Mnth 1 | Decrease | USD | 3,300 | 3,300 | 2,350 | 2,350 |
| LY | Spec | Mnths 2-6 | Decrease | USD | 3,630 | 3,300 | 2,585 | 2,350 |
| LY | Hedge/Member | Mnths 2-6 | Decrease | USD | 3,300 | 3,300 | 2,350 | 2,350 |
| LY | Spec | Mnths 7-12 | Decrease | USD | 3,080 | 2,800 | 2,310 | 2,100 |
| LY | Hedge/Member | Mnths 7-12 | Decrease | USD | 2,800 | 2,800 | 2,100 | 2,100 |
| LY | Spec | Mnths 13+ | Decrease | USD | 2,860 | 2,600 | 2,090 | 1,900 |
| LY | Hedge/Member | Mnths 13+ | Decrease | USD | 2,600 | 2,600 | 1,900 | 1,900 |
| JAPAN C&F NAPHTHA FUT (JA) | | | | | | | | |
| JA | Spec | Mnths 2-6 | Decrease | USD | 25,300 | 23,000 | 22,000 | 20,000 |
| JA | Hedge/Member | Mnths 2-6 | Decrease | USD | 23,000 | 23,000 | 20,000 | 20,000 |
| JA | Spec | Mnths 7+ | Decrease | USD | 24,200 | 22,000 | 21,230 | 19,300 |
| JA | Hedge/Member | Mnths 7+ | Decrease | USD | 22,000 | 22,000 | 19,300 | 19,300 |
| MIN EURO NPHTHA CIF NWE FUT (MNC) | | | | | | | | |
| MNC | Spec | Mths 1 | Decrease | USD | 2,310 | 2,100 | 1,870 | 1,700 |
| MNC | Hedge/Member | Mths 1 | Decrease | USD | 2,100 | 2,100 | 1,700 | 1,700 |
| MNC | Spec | Mths 2-6 | Decrease | USD | 2,640 | 2,400 | 2,145 | 1,950 |
| MNC | Hedge/Member | Mths 2-6 | Decrease | USD | 2,400 | 2,400 | 1,950 | 1,950 |
| MNC | Spec | Mnths 7+ | Decrease | USD | 2,310 | 2,100 | 2,090 | 1,900 |
| MNC | Hedge/Member | Mnths 7+ | Decrease | USD | 2,100 | 2,100 | 1,900 | 1,900 |
| MIN JAPAN C&F NAPHTHA PLATTS FUT (MJN) | | | | | | | | |
| MJN | Spec | Mnths 2-6 | Decrease | USD | 2,530 | 2,300 | 2,200 | 2,000 |
| MJN | Hedge/Member | Mnths 2-6 | Decrease | USD | 2,300 | 2,300 | 2,000 | 2,000 |
| MJN | Spec | Mnths 7+ | Decrease | USD | 2,420 | 2,200 | 2,123 | 1,930 |
| MJN | Hedge/Member | Mnths 7+ | Decrease | USD | 2,200 | 2,200 | 1,930 | 1,930 |
| MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D) | | | | | | | | |
| 0D | Spec | Mnths 2-6 | Decrease | USD | 1,485 | 1,350 | 1,375 | 1,250 |
| 0D | Hedge/Member | Mnths 2-6 | Decrease | USD | 1,350 | 1,350 | 1,250 | 1,250 |
| 0D | Spec | Mnths 7-10 | Decrease | USD | 1,485 | 1,350 | 1,210 | 1,100 |
| 0D | Hedge/Member | Mnths 7-10 | Decrease | USD | 1,350 | 1,350 | 1,100 | 1,100 |
| 0D | Spec | Mnths 11+ | Decrease | USD | 1,485 | 1,350 | 1,155 | 1,050 |
| 0D | Hedge/Member | Mnths 11+ | Decrease | USD | 1,350 | 1,350 | 1,050 | 1,050 |
| MOGAS92 UNLEADED (PLATTS) FUT (1N) | | | | | | | | |
| 1N | Spec | Mnth 1 | Decrease | USD | 2,970 | 2,700 | 2,750 | 2,500 |
| 1N | Hedge/Member | Mnth 1 | Decrease | USD | 2,700 | 2,700 | 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 | | | | | | | | |
| MOGAS92 UNLEADED (PLTS) BLM FUT (1P) | | | | | | | | |
| 1P | Spec | | Decrease | USD | 4,070 | 3,700 | 3,630 | 3,300 |
| 1P | Hedge/Member | | Decrease | USD | 3,700 | 3,700 | 3,300 | 3,300 |
| NY HARBOR RESIDUAL FUEL 1.0% S FUT (MM) | | | | | | | | |
| MM | Spec | Mnth 1 | Decrease | USD | 2,640 | 2,400 | 2,255 | 2,050 |
| MM | Hedge/Member | Mnth 1 | Decrease | USD | 2,400 | 2,400 | 2,050 | 2,050 |
| MM | Spec | Mnths 2-6 | Decrease | USD | 2,640 | 2,400 | 2,255 | 2,050 |
| MM | Hedge/Member | Mnths 2-6 | Decrease | USD | 2,400 | 2,400 | 2,050 | 2,050 |
| MM | Spec | Mnths 7+ | Decrease | USD | 2,420 | 2,200 | 2,145 | 1,950 |
| MM | Hedge/Member | Mnths 7+ | Decrease | USD | 2,200 | 2,200 | 1,950 | 1,950 |
| PREMIUM UNLD 10P FOB MED FUT (3G) | | | | | | | | |
| 3G | Spec | Mnths 2+ | Decrease | USD | 28,600 | 26,000 | 25,300 | 23,000 |
| 3G | Hedge/Member | Mnths 2+ | Decrease | USD | 26,000 | 26,000 | 23,000 | 23,000 |
| SINGAPORE MOGAS 95 FUT (V0) | | | | | | | | |
| V0 | Spec | Mnth 1 | Decrease | USD | 3,190 | 2,900 | 2,750 | 2,500 |
| V0 | Hedge/Member | Mnth 1 | Decrease | USD | 2,900 | 2,900 | 2,500 | 2,500 |
| V0 | Spec | Mnths 2+ | Decrease | USD | 3,300 | 3,000 | 2,970 | 2,700 |
| V0 | Hedge/Member | Mnths 2+ | Decrease | USD | 3,000 | 3,000 | 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 | | | | | | | | |
| EQUITY INDEX - Intra Spreads | | | | | | | | |
| Bitcoin Months 1-3 vs Month 4 (BITCOIN FUTURES) | | | | | | | | |
| BTC | Spec | | Decrease | USD | 43,450 | 39,500 | 29,700 | 27,000 |
| BTC | Hedge/Member | | Decrease | USD | 39,500 | 39,500 | 27,000 | 27,000 |
| Bitcoin Months 1-3 vs Months 1-3 (BITCOIN FUTURES) | | | | | | | | |
| BTC | Spec | | Decrease | USD | 40,700 | 37,000 | 27,500 | 25,000 |
| BTC | Hedge/Member | | Decrease | USD | 37,000 | 37,000 | 25,000 | 25,000 |
| Nasdaq-100 Index (ND) - Month 1 vs 3+ (BTIC ON E-MINI NASDAQ-100 FUTURES) | | | | | | | | |
| NQT | Spec | | Increase | USD | 94 | 85 | 154 | 140 |
| NQT | Hedge/Member | | Increase | USD | 85 | 85 | 140 | 140 |
| Nasdaq-100 Index (ND) - Month 1 vs 3+ (E-MINI NASDAQ 100 FUTURES) | | | | | | | | |
| NQ | Spec | | Increase | USD | 94 | 85 | 154 | 140 |
| NQ | Hedge/Member | | Increase | USD | 85 | 85 | 140 | 140 |
| Nasdaq-100 Index (ND) - Month 1 vs 3+ (E-MINI NASDAQ-100 FUTURES MARKER) | | | | | | | | |
| NQI | Spec | | Increase | USD | 94 | 85 | 154 | 140 |
| NQI | Hedge/Member | | Increase | USD | 85 | 85 | 140 | 140 |
| Nasdaq-100 Index (ND) - Months 2 vs 3+ (BTIC ON E-MINI NASDAQ-100 FUTURES) | | | | | | | | |
| NQT | Spec | | Increase | USD | 94 | 85 | 154 | 140 |
| NQT | Hedge/Member | | Increase | USD | 85 | 85 | 140 | 140 |
| Nasdaq-100 Index (ND) - Months 2 vs 3+ (E-MINI NASDAQ 100 FUTURES) | | | | | | | | |
| NQ | Spec | | Increase | USD | 94 | 85 | 154 | 140 |
| NQ | Hedge/Member | | Increase | USD | 85 | 85 | 140 | 140 |
| Nasdaq-100 Index (ND) - Months 2 vs 3+ (E-MINI NASDAQ-100 FUTURES MARKER) | | | | | | | | |
| NQI | Spec | | Increase | USD | 94 | 85 | 154 | 140 |
| NQI | Hedge/Member | | Increase | USD | 85 | 85 | 140 | 140 |
| Nasdaq-100 Index (ND) - Months 3+ (BTIC ON E-MINI NASDAQ-100 FUTURES) | | | | | | | | |
| NQT | Spec | | Increase | USD | 94 | 85 | 154 | 140 |
| NQT | Hedge/Member | | Increase | USD | 85 | 85 | 140 | 140 |
| Nasdaq-100 Index (ND) - Months 3+ (E-MINI NASDAQ 100 FUTURES) | | | | | | | | |
| NQ | Spec | | Increase | USD | 94 | 85 | 154 | 140 |
| NQ | Hedge/Member | | Increase | USD | 85 | 85 | 140 | 140 |

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC | Rate Type | Description | Change | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|---|--------------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| Intra Spreads | | | | | | | | |
| Nasdaq-100 Index (ND) - Months 3+ (E-MINI NASDAQ-100 FUTURES MARKER) | | | | | | | | |
| NQI | Spec | | Increase | USD | 94 | 85 | 154 | 140 |
| NQI | Hedge/Member | | Increase | USD | 85 | 85 | 140 | 140 |
| NATURAL GAS - Intra Spreads | | | | | | | | |
| NBP Intras 1 vs 2+ (UK NBP NATURAL GAS FRONT MTH FUT) | | | | | | | | |
| NBP | Spec | | New | USD | | | 2,035 | 1,850 |
| NBP | Hedge/Member | | New | USD | | | 1,850 | 1,850 |
| NBP Intras 2+ vs 2+ (UK NBP NATURAL GAS FRONT MTH FUT) | | | | | | | | |
| NBP | Spec | | New | USD | | | 1,760 | 1,600 |
| NBP | Hedge/Member | | New | USD | | | 1,600 | 1,600 |
| TTE Intras 1vs 2+ (DUTCH TTF NATURAL GAS FRONT MTH FUT) | | | | | | | | |
| TTE | Spec | | Increase | USD | 1,760 | 1,600 | 2,035 | 1,850 |
| TTE | Hedge/Member | | Increase | USD | 1,600 | 1,600 | 1,850 | 1,850 |
| TTE Intras 2+ vs 2+ (DUTCH TTF NATURAL GAS FRONT MTH FUT) | | | | | | | | |
| TTE | Spec | | New | USD | | | 1,760 | 1,600 |
| TTE | Hedge/Member | | New | USD | | | 1,600 | 1,600 |

| Rate Type | Change | Ratio | Current Initial | Current Maintenance | New Initial | New Maintenance |
|--|----------|-------|-----------------|---------------------|-------------|-----------------|
| Inter-commodity Spread Rates | | | | | | |
| AGRICULTURE - Inter-commodity Spread Rates | | | | | | |
| (NF - CME) vs (DY - CME) | | | | | | |
| Spread Credit Rate | Decrease | +1:-1 | 50% | 50% | 0% | 0% |
| Class IV Milk (DK) vs. CME Dry Whey Futures (DY) | | | | | | |
| Spread Credit Rate | Decrease | +1:-1 | 30% | 30% | 0% | 0% |
| DRY WHEY (DY - CME) vs CASH SETTLED CHEESE (CSC - CME) | | | | | | |
| Spread Credit Rate | Decrease | +1:-1 | 40% | 40% | 0% | 0% |
| EQUITY INDEX - Inter-commodity Spread Rates | | | | | | |
| EMINI SP 500 CONS STAPLES SECTOR IX (XAP) vs EMINI SP500-UTILITIES SECTOR INDEX (XAU) | | | | | | |
| Spread Credit Rate | Decrease | +1:-1 | 60% | 60% | 55% | 55% |

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| Rate Type | Tier Description | Change | Current Initial | Current Maintenance | New Initial | New Maintenance |
|--|------------------|----------|-----------------|---------------------|-------------|-----------------|
| Volatility Scan (volScan) Rate | | | | | | |
| NATURAL GAS - Volatility Scan (volScan) Rate | | | | | | |
| HENRY HUB NATURAL GAS FUTURES (HHE, HHQ, KD, LN, LNW, MNG, NG, NGT, ON, ONW, U01, U02, U03, U04, U05, U06, U07, U08, U09, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23, U24, U25, U26, U27, U28, U29, U30, U31) - volScan | | | | | | |
| Clearing Member Rate | Mnth2 | Increase | | 0.035 | | 0.040 |
| Clearing Member Rate | Mnth3 | Increase | | 0.030 | | 0.035 |
| HENRY HUB NATURAL GAS PENULTIMATE FINANCIAL FUTURES (E7, HH, HP, NP, QG) - volScan | | | | | | |
| Clearing Member Rate | Mnth2 | Decrease | | 0.050 | | 0.040 |
| Clearing Member Rate | Mnth3 | Increase | | 0.030 | | 0.035 |
| NYMEX NATURAL GAS (H.HUB LTD) FUT (E7, HH, HHT, NN, NNT) - volScan | | | | | | |
| Clearing Member Rate | Mnth2 | Decrease | | 0.050 | | 0.040 |
| Clearing Member Rate | Mnth3 | Increase | | 0.030 | | 0.035 |