



23-229

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, August 3, 2023

***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](mailto:Clearing.RiskManagement@cmegroup.com).

The rates will be effective after the close of business on

**Friday, August 4, 2023.**

Current rates as of:

**Thursday, August 3, 2023.**

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

### AGRICULTURE - Outright Rates

#### FOB SANTOS SOYBEANS FINANCIALLY SET (SAS)

|     |         |         |          |     |       |       |       |       |
|-----|---------|---------|----------|-----|-------|-------|-------|-------|
| SAS | Non-HRP | Mnth 1  | Increase | USD | 2,600 | 2,600 | 3,100 | 3,100 |
| SAS | HRP     | Mnth 1  | Increase | USD | 2,860 | 2,600 | 3,410 | 3,100 |
| SAS | Non-HRP | Mnth 2  | Increase | USD | 2,500 | 2,500 | 3,000 | 3,000 |
| SAS | HRP     | Mnth 2  | Increase | USD | 2,750 | 2,500 | 3,300 | 3,000 |
| SAS | Non-HRP | Mnth 3  | Increase | USD | 2,400 | 2,400 | 2,900 | 2,900 |
| SAS | HRP     | Mnth 3  | Increase | USD | 2,640 | 2,400 | 3,190 | 2,900 |
| SAS | Non-HRP | Mnth 4+ | Increase | USD | 2,300 | 2,300 | 2,800 | 2,800 |
| SAS | HRP     | Mnth 4+ | Increase | USD | 2,530 | 2,300 | 3,080 | 2,800 |

### CRUDE OIL - Outright Rates

#### JAPAN CRUDE COCKTAIL (DETAILED) FUT (JCC)

|     |         |        |          |     |       |       |       |       |
|-----|---------|--------|----------|-----|-------|-------|-------|-------|
| JCC | Non-HRP | Mnth1  | Decrease | USD | 6,500 | 6,500 | 6,000 | 6,000 |
| JCC | HRP     | Mnth1  | Decrease | USD | 7,150 | 6,500 | 6,600 | 6,000 |
| JCC | Non-HRP | Mnth 2 | Decrease | USD | 6,000 | 6,000 | 5,800 | 5,800 |
| JCC | HRP     | Mnth 2 | Decrease | USD | 6,600 | 6,000 | 6,380 | 5,800 |

#### JAPAN CRUDE COCKTAIL (DETL) YEN FUT (JCY)

|     |         |        |          |     |         |         |         |         |
|-----|---------|--------|----------|-----|---------|---------|---------|---------|
| JCY | Non-HRP | Mnth1  | Decrease | JPY | 850,000 | 850,000 | 775,000 | 775,000 |
| JCY | HRP     | Mnth1  | Decrease | JPY | 935,000 | 850,000 | 852,500 | 775,000 |
| JCY | Non-HRP | Mnth 2 | Decrease | JPY | 790,000 | 790,000 | 760,000 | 760,000 |
| JCY | HRP     | Mnth 2 | Decrease | JPY | 869,000 | 790,000 | 836,000 | 760,000 |

### CRUDE OIL SPREADS - Outright Rates

#### ICE BRENT DUBAI FUT (DB)

|    |         |           |          |     |     |     |     |     |
|----|---------|-----------|----------|-----|-----|-----|-----|-----|
| DB | Non-HRP | Mnth 1    | Decrease | USD | 850 | 850 | 750 | 750 |
| DB | HRP     | Mnth 1    | Decrease | USD | 935 | 850 | 825 | 750 |
| DB | Non-HRP | Mnth 2    | Decrease | USD | 750 | 750 | 650 | 650 |
| DB | HRP     | Mnth 2    | Decrease | USD | 825 | 750 | 715 | 650 |
| DB | Non-HRP | Mnths 3-8 | Decrease | USD | 650 | 650 | 550 | 550 |
| DB | HRP     | Mnths 3-8 | Decrease | USD | 715 | 650 | 605 | 550 |

#### WCS CUSH ARGUS VS WTI TRADE MTH FUT (WNT)

|     |         |           |          |     |       |       |       |       |
|-----|---------|-----------|----------|-----|-------|-------|-------|-------|
| WNT | Non-HRP | Mnth 1    | Decrease | USD | 3,750 | 3,750 | 3,250 | 3,250 |
| WNT | HRP     | Mnth 1    | Decrease | USD | 4,125 | 3,750 | 3,575 | 3,250 |
| WNT | Non-HRP | Mnths 2-3 | Decrease | USD | 3,200 | 3,200 | 3,000 | 3,000 |
| WNT | HRP     | Mnths 2-3 | Decrease | USD | 3,520 | 3,200 | 3,300 | 3,000 |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC | Rate Type | Description | Change | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|----|-----------|-------------|--------|-----|-----------------|---------------------|-------------|-----------------|
|----|-----------|-------------|--------|-----|-----------------|---------------------|-------------|-----------------|

### Outright Rates

#### DME Products - Outright Rates

#### DME CRUDE OIL BALMO FUT (DDB)

|     |         |  |          |     |        |       |       |       |
|-----|---------|--|----------|-----|--------|-------|-------|-------|
| DDB | Non-HRP |  | Decrease | USD | 9,500  | 9,500 | 7,000 | 7,000 |
| DDB | HRP     |  | Decrease | USD | 10,450 | 9,500 | 7,700 | 7,000 |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC                                                  | Rate Type | Description | Change   | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|-----------------------------------------------------|-----------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| <b>Outright Rates</b>                               |           |             |          |     |                 |                     |             |                 |
| <b>EQUITY INDEX - Outright Rates</b>                |           |             |          |     |                 |                     |             |                 |
| <b>BTIC EMINI PHLX SEMICONDUCTOR (SOT)</b>          |           |             |          |     |                 |                     |             |                 |
| SOT                                                 | Non-HRP   |             | Increase | USD | 6,500           | 6,500               | 7,250       | 7,250           |
| SOT                                                 | HRP       |             | Increase | USD | 7,150           | 6,500               | 7,975       | 7,250           |
| <b>BTIC EMINI SP BIOTECH SELECT (BOT)</b>           |           |             |          |     |                 |                     |             |                 |
| BOT                                                 | Non-HRP   |             | Decrease | USD | 5,250           | 5,250               | 4,500       | 4,500           |
| BOT                                                 | HRP       |             | Decrease | USD | 5,775           | 5,250               | 4,950       | 4,500           |
| <b>BTIC EMINI SP INSURANCE SELECT (IST)</b>         |           |             |          |     |                 |                     |             |                 |
| IST                                                 | Non-HRP   |             | Decrease | USD | 5,000           | 5,000               | 4,500       | 4,500           |
| IST                                                 | HRP       |             | Decrease | USD | 5,500           | 5,000               | 4,950       | 4,500           |
| <b>BTIC EMINI SP OIL &amp; GAS SELECT (SWT)</b>     |           |             |          |     |                 |                     |             |                 |
| SWT                                                 | Non-HRP   |             | Decrease | USD | 12,950          | 12,950              | 11,000      | 11,000          |
| SWT                                                 | HRP       |             | Decrease | USD | 14,245          | 12,950              | 12,100      | 11,000          |
| <b>BTIC EMINI SP REGIONAL BANKS SECTOR (RKT)</b>    |           |             |          |     |                 |                     |             |                 |
| RKT                                                 | Non-HRP   |             | Decrease | USD | 8,000           | 8,000               | 7,500       | 7,500           |
| RKT                                                 | HRP       |             | Decrease | USD | 8,800           | 8,000               | 8,250       | 7,500           |
| <b>BTIC EMINI SP RETAIL SELECT (RET)</b>            |           |             |          |     |                 |                     |             |                 |
| RET                                                 | Non-HRP   |             | Decrease | USD | 5,000           | 5,000               | 4,500       | 4,500           |
| RET                                                 | HRP       |             | Decrease | USD | 5,500           | 5,000               | 4,950       | 4,500           |
| <b>EMINI PHLX SEMICONDUCTOR (SOX)</b>               |           |             |          |     |                 |                     |             |                 |
| SOX                                                 | Non-HRP   |             | Increase | USD | 6,500           | 6,500               | 7,250       | 7,250           |
| SOX                                                 | HRP       |             | Increase | USD | 7,150           | 6,500               | 7,975       | 7,250           |
| <b>EMINI SP BIOTECH SELECT INDUSTRY (SXT)</b>       |           |             |          |     |                 |                     |             |                 |
| SXT                                                 | Non-HRP   |             | Decrease | USD | 5,250           | 5,250               | 4,500       | 4,500           |
| SXT                                                 | HRP       |             | Decrease | USD | 5,775           | 5,250               | 4,950       | 4,500           |
| <b>EMINI SP INSURANCE SELECT INDUSTRY (SXI)</b>     |           |             |          |     |                 |                     |             |                 |
| SXI                                                 | Non-HRP   |             | Decrease | USD | 5,000           | 5,000               | 4,500       | 4,500           |
| SXI                                                 | HRP       |             | Decrease | USD | 5,500           | 5,000               | 4,950       | 4,500           |
| <b>EMINI SP OIL &amp; GAS SELECT INDUSTRY (SXO)</b> |           |             |          |     |                 |                     |             |                 |
| SXO                                                 | Non-HRP   |             | Decrease | USD | 12,950          | 12,950              | 11,000      | 11,000          |
| SXO                                                 | HRP       |             | Decrease | USD | 14,245          | 12,950              | 12,100      | 11,000          |
| <b>EMINI SP REGIONAL BANKS SECTOR (SXB)</b>         |           |             |          |     |                 |                     |             |                 |
| SXB                                                 | Non-HRP   |             | Decrease | USD | 8,000           | 8,000               | 7,500       | 7,500           |
| SXB                                                 | HRP       |             | Decrease | USD | 8,800           | 8,000               | 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

#### EMINI SP RETAIL SELECT INDUSTRY (SXR)

|     |         |  |          |     |       |       |       |       |
|-----|---------|--|----------|-----|-------|-------|-------|-------|
| SXR | Non-HRP |  | Decrease | USD | 5,000 | 5,000 | 4,500 | 4,500 |
| SXR | HRP     |  | Decrease | USD | 5,500 | 5,000 | 4,950 | 4,500 |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC                    | Rate Type | Description | Change | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|-----------------------|-----------|-------------|--------|-----|-----------------|---------------------|-------------|-----------------|
| <b>Outright Rates</b> |           |             |        |     |                 |                     |             |                 |

### FREIGHT - Outright Rates

#### CONTAINER FREIGHT (FBX01)BALTIC FUT (CS1)

|     |         |         |          |     |     |     |     |     |
|-----|---------|---------|----------|-----|-----|-----|-----|-----|
| CS1 | Non-HRP | Mnth 1  | Decrease | USD | 750 | 750 | 550 | 550 |
| CS1 | HRP     | Mnth 1  | Decrease | USD | 825 | 750 | 605 | 550 |
| CS1 | Non-HRP | Mnth 2  | Decrease | USD | 700 | 700 | 500 | 500 |
| CS1 | HRP     | Mnth 2  | Decrease | USD | 770 | 700 | 550 | 500 |
| CS1 | Non-HRP | Mnth 3  | Decrease | USD | 550 | 550 | 400 | 400 |
| CS1 | HRP     | Mnth 3  | Decrease | USD | 605 | 550 | 440 | 400 |
| CS1 | Non-HRP | Mnth 4  | Decrease | USD | 550 | 550 | 400 | 400 |
| CS1 | HRP     | Mnth 4  | Decrease | USD | 605 | 550 | 440 | 400 |
| CS1 | Non-HRP | Mtnh 5+ | Decrease | USD | 550 | 550 | 400 | 400 |
| CS1 | HRP     | Mtnh 5+ | Decrease | USD | 605 | 550 | 440 | 400 |

#### CONTAINER FREIGHT (FBX03)BALTIC FUT (CS3)

|     |         |         |          |     |     |     |     |     |
|-----|---------|---------|----------|-----|-----|-----|-----|-----|
| CS3 | Non-HRP | Mnth 1  | Decrease | USD | 900 | 900 | 650 | 650 |
| CS3 | HRP     | Mnth 1  | Decrease | USD | 990 | 900 | 715 | 650 |
| CS3 | Non-HRP | Mnth 2  | Decrease | USD | 900 | 900 | 650 | 650 |
| CS3 | HRP     | Mnth 2  | Decrease | USD | 990 | 900 | 715 | 650 |
| CS3 | Non-HRP | Mnth 3  | Decrease | USD | 800 | 800 | 600 | 600 |
| CS3 | HRP     | Mnth 3  | Decrease | USD | 880 | 800 | 660 | 600 |
| CS3 | Non-HRP | Mnth 4  | Decrease | USD | 700 | 700 | 500 | 500 |
| CS3 | HRP     | Mnth 4  | Decrease | USD | 770 | 700 | 550 | 500 |
| CS3 | Non-HRP | Mtnh 5+ | Decrease | USD | 700 | 700 | 500 | 500 |
| CS3 | HRP     | Mtnh 5+ | Decrease | USD | 770 | 700 | 550 | 500 |

#### CONTAINER FREIGHT(FBX11)BALTIC FUT (CS4)

|     |         |         |          |     |     |     |     |     |
|-----|---------|---------|----------|-----|-----|-----|-----|-----|
| CS4 | Non-HRP | Mnth 1  | Decrease | USD | 650 | 650 | 500 | 500 |
| CS4 | HRP     | Mnth 1  | Decrease | USD | 715 | 650 | 550 | 500 |
| CS4 | Non-HRP | Mnth 2  | Decrease | USD | 600 | 600 | 500 | 500 |
| CS4 | HRP     | Mnth 2  | Decrease | USD | 660 | 600 | 550 | 500 |
| CS4 | Non-HRP | Mnth 3  | Decrease | USD | 550 | 550 | 450 | 450 |
| CS4 | HRP     | Mnth 3  | Decrease | USD | 605 | 550 | 495 | 450 |
| CS4 | Non-HRP | Mnth 4  | Decrease | USD | 500 | 500 | 400 | 400 |
| CS4 | HRP     | Mnth 4  | Decrease | USD | 550 | 500 | 440 | 400 |
| CS4 | Non-HRP | Mtnh 5+ | Decrease | USD | 500 | 500 | 400 | 400 |
| CS4 | HRP     | Mtnh 5+ | Decrease | USD | 550 | 500 | 440 | 400 |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC | Rate Type | Description | Change | ISO | Current<br>Initial | Current<br>Maintenance | New Initial | New<br>Maintenance |
|----|-----------|-------------|--------|-----|--------------------|------------------------|-------------|--------------------|
|----|-----------|-------------|--------|-----|--------------------|------------------------|-------------|--------------------|

### Outright Rates

#### **CONTAINER FREIGHT(FBX13)BALTIC FUT (CS6)**

|     |         |         |          |     |     |     |     |     |
|-----|---------|---------|----------|-----|-----|-----|-----|-----|
| CS6 | Non-HRP | Mnth 1  | Decrease | USD | 620 | 620 | 550 | 550 |
| CS6 | HRP     | Mnth 1  | Decrease | USD | 682 | 620 | 605 | 550 |
| CS6 | Non-HRP | Mnth 2  | Decrease | USD | 580 | 580 | 500 | 500 |
| CS6 | HRP     | Mnth 2  | Decrease | USD | 638 | 580 | 550 | 500 |
| CS6 | Non-HRP | Mnth 3  | Decrease | USD | 580 | 580 | 500 | 500 |
| CS6 | HRP     | Mnth 3  | Decrease | USD | 638 | 580 | 550 | 500 |
| CS6 | Non-HRP | Mnth 4  | Increase | USD | 350 | 350 | 450 | 450 |
| CS6 | HRP     | Mnth 4  | Increase | USD | 385 | 350 | 495 | 450 |
| CS6 | Non-HRP | Mtnh 5+ | Increase | USD | 350 | 350 | 450 | 450 |
| CS6 | HRP     | Mtnh 5+ | Increase | USD | 385 | 350 | 495 | 450 |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC                                                   | Rate Type | Description | Change   | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|------------------------------------------------------|-----------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| <b>Outright Rates</b>                                |           |             |          |     |                 |                     |             |                 |
| <b>PETROLEUM CRACKS AND SPREADS - Outright Rates</b> |           |             |          |     |                 |                     |             |                 |
| <b>JET AVIA FUEL(PLTT) FOB V. ICE (1V)</b>           |           |             |          |     |                 |                     |             |                 |
| 1V                                                   | Non-HRP   | Mnth 1      | Decrease | USD | 22,000          | 22,000              | 16,000      | 16,000          |
| 1V                                                   | HRP       | Mnth 1      | Decrease | USD | 24,200          | 22,000              | 17,600      | 16,000          |
| 1V                                                   | Non-HRP   | Mnth 2-4    | Decrease | USD | 15,000          | 15,000              | 12,000      | 12,000          |
| 1V                                                   | HRP       | Mnth 2-4    | Decrease | USD | 16,500          | 15,000              | 13,200      | 12,000          |
| <b>JET BARGES VS. ICE GASOIL FUT (JR)</b>            |           |             |          |     |                 |                     |             |                 |
| JR                                                   | Non-HRP   | Mnth 1      | Decrease | USD | 15,000          | 15,000              | 12,500      | 12,500          |
| JR                                                   | HRP       | Mnth 1      | Decrease | USD | 16,500          | 15,000              | 13,750      | 12,500          |
| <b>LA CARBD (OPIS) VS. NY HRBR ULSD (KL)</b>         |           |             |          |     |                 |                     |             |                 |
| KL                                                   | Non-HRP   | Mnth 1      | Decrease | USD | 4,000           | 4,000               | 3,300       | 3,300           |
| KL                                                   | HRP       | Mnth 1      | Decrease | USD | 4,400           | 4,000               | 3,630       | 3,300           |
| <b>MIN JET KERO BRGES FOB RDAM VS GSL (MJB)</b>      |           |             |          |     |                 |                     |             |                 |
| MJB                                                  | Non-HRP   | Mnth 1      | Decrease | USD | 1,500           | 1,500               | 1,250       | 1,250           |
| MJB                                                  | HRP       | Mnth 1      | Decrease | USD | 1,650           | 1,500               | 1,375       | 1,250           |
| <b>MIN ULSD 10PPM CRGS CIF NWE VS GSL (MGN)</b>      |           |             |          |     |                 |                     |             |                 |
| MGN                                                  | Non-HRP   | Mnth 1      | Decrease | USD | 600             | 600                 | 500         | 500             |
| MGN                                                  | HRP       | Mnth 1      | Decrease | USD | 660             | 600                 | 550         | 500             |
| MGN                                                  | Non-HRP   | Mnth 2      | Decrease | USD | 575             | 575                 | 475         | 475             |
| MGN                                                  | HRP       | Mnth 2      | Decrease | USD | 633             | 575                 | 523         | 475             |
| <b>NEW YORK FUEL OIL 1% V. EURO 1% FO (NYF)</b>      |           |             |          |     |                 |                     |             |                 |
| NYF                                                  | Non-HRP   | Mnth 1      | Decrease | USD | 3,000           | 3,000               | 2,400       | 2,400           |
| NYF                                                  | HRP       | Mnth 1      | Decrease | USD | 3,300           | 3,000               | 2,640       | 2,400           |
| NYF                                                  | Non-HRP   | Mnth 2      | Decrease | USD | 2,400           | 2,400               | 2,000       | 2,000           |
| NYF                                                  | HRP       | Mnth 2      | Decrease | USD | 2,640           | 2,400               | 2,200       | 2,000           |
| NYF                                                  | Non-HRP   | Mnths 3+    | Decrease | USD | 2,300           | 2,300               | 1,900       | 1,900           |
| NYF                                                  | HRP       | Mnths 3+    | Decrease | USD | 2,530           | 2,300               | 2,090       | 1,900           |
| <b>SING GAS 500 PPM (PLATTS) VS. LOW S (SGG)</b>     |           |             |          |     |                 |                     |             |                 |
| SGG                                                  | Non-HRP   | Mnth 1      | Decrease | USD | 2,250           | 2,250               | 1,750       | 1,750           |
| SGG                                                  | HRP       | Mnth 1      | Decrease | USD | 2,475           | 2,250               | 1,925       | 1,750           |
| SGG                                                  | Non-HRP   | Mnth 2      | Decrease | USD | 2,000           | 2,000               | 1,500       | 1,500           |
| SGG                                                  | HRP       | Mnth 2      | Decrease | USD | 2,200           | 2,000               | 1,650       | 1,500           |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC                                               | Rate Type | Description | Change   | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|--------------------------------------------------|-----------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| <b>Outright Rates</b>                            |           |             |          |     |                 |                     |             |                 |
| <b>SINGAPORE GAS 92 VS EUROBOB NON-OXY (SGF)</b> |           |             |          |     |                 |                     |             |                 |
| SGF                                              | Non-HRP   | Mnth 1      | Decrease | USD | 4,000           | 4,000               | 3,500       | 3,500           |
| SGF                                              | HRP       | Mnth 1      | Decrease | USD | 4,400           | 4,000               | 3,850       | 3,500           |
| SGF                                              | Non-HRP   | Mnths 2-6   | Decrease | USD | 3,750           | 3,750               | 3,000       | 3,000           |
| SGF                                              | HRP       | Mnths 2-6   | Decrease | USD | 4,125           | 3,750               | 3,300       | 3,000           |
| SGF                                              | Non-HRP   | Mnths 7+    | Decrease | USD | 2,750           | 2,750               | 2,250       | 2,250           |
| SGF                                              | HRP       | Mnths 7+    | Decrease | USD | 3,025           | 2,750               | 2,475       | 2,250           |
| <b>SINGAPORE GASOIL (PLATTS) DUBAI CRA (GDL)</b> |           |             |          |     |                 |                     |             |                 |
| GDL                                              | Non-HRP   | Mnth 1      | Decrease | USD | 7,500           | 7,500               | 6,500       | 6,500           |
| GDL                                              | HRP       | Mnth 1      | Decrease | USD | 8,250           | 7,500               | 7,150       | 6,500           |
| GDL                                              | Non-HRP   | Mnth 2      | New      | USD |                 |                     | 6,000       | 6,000           |
| GDL                                              | HRP       | Mnth 2      | New      | USD |                 |                     | 6,600       | 6,000           |
| GDL                                              | Non-HRP   | Mnth 3+     | Decrease | USD | 5,500           | 5,500               | 5,000       | 5,000           |
| GDL                                              | HRP       | Mnth 3+     | Decrease | USD | 6,050           | 5,500               | 5,500       | 5,000           |
| <b>SINGAPORE GASOIL 500 PPM DUBAI CRAC (GDH)</b> |           |             |          |     |                 |                     |             |                 |
| GDH                                              | Non-HRP   | Mnth 1      | Decrease | USD | 7,500           | 7,500               | 6,500       | 6,500           |
| GDH                                              | HRP       | Mnth 1      | Decrease | USD | 8,250           | 7,500               | 7,150       | 6,500           |
| GDH                                              | Non-HRP   | Mnth 2      | Decrease | USD | 7,000           | 7,000               | 6,000       | 6,000           |
| GDH                                              | HRP       | Mnth 2      | Decrease | USD | 7,700           | 7,000               | 6,600       | 6,000           |
| GDH                                              | Non-HRP   | Mnth 3+     | Decrease | USD | 5,500           | 5,500               | 5,000       | 5,000           |
| GDH                                              | HRP       | Mnth 3+     | Decrease | USD | 6,050           | 5,500               | 5,500       | 5,000           |
| <b>SINGAPORE GASOIL VS ICE (GA)</b>              |           |             |          |     |                 |                     |             |                 |
| GA                                               | Non-HRP   | Mnth 1      | Decrease | USD | 1,250           | 1,250               | 1,000       | 1,000           |
| GA                                               | HRP       | Mnth 1      | Decrease | USD | 1,375           | 1,250               | 1,100       | 1,000           |
| GA                                               | Non-HRP   | Mnth 2      | Decrease | USD | 1,000           | 1,000               | 850         | 850             |
| GA                                               | HRP       | Mnth 2      | Decrease | USD | 1,100           | 1,000               | 935         | 850             |
| GA                                               | Non-HRP   | Mnths 3-6   | Decrease | USD | 900             | 900                 | 750         | 750             |
| GA                                               | HRP       | Mnths 3-6   | Decrease | USD | 990             | 900                 | 825         | 750             |
| GA                                               | Non-HRP   | Mnths 7+    | Decrease | USD | 750             | 750                 | 600         | 600             |
| GA                                               | HRP       | Mnths 7+    | Decrease | USD | 825             | 750                 | 660         | 600             |
| <b>ULSD 10PPM V. ICE FUT (TP)</b>                |           |             |          |     |                 |                     |             |                 |
| TP                                               | Non-HRP   | Mnth 1      | Decrease | USD | 6,000           | 6,000               | 5,000       | 5,000           |
| TP                                               | HRP       | Mnth 1      | Decrease | USD | 6,600           | 6,000               | 5,500       | 5,000           |
| TP                                               | Non-HRP   | Mnth 2      | Decrease | USD | 5,750           | 5,750               | 4,750       | 4,750           |
| TP                                               | HRP       | Mnth 2      | Decrease | USD | 6,325           | 5,750               | 5,225       | 4,750           |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC                                                | Rate Type | Description | Change   | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|---------------------------------------------------|-----------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| <b>Outright Rates</b>                             |           |             |          |     |                 |                     |             |                 |
| <b>REFINED PRODUCTS - Outright Rates</b>          |           |             |          |     |                 |                     |             |                 |
| <b>MINI SINGAPORE GASOIL 500 PPM (PLAT (MGO))</b> |           |             |          |     |                 |                     |             |                 |
| MGO                                               | Non-HRP   | Mnth 1      | Decrease | USD | 925             | 925                 | 825         | 825             |
| MGO                                               | HRP       | Mnth 1      | Decrease | USD | 1,018           | 925                 | 908         | 825             |
| MGO                                               | Non-HRP   | Mnths 2-6   | Decrease | USD | 900             | 900                 | 800         | 800             |
| MGO                                               | HRP       | Mnths 2-6   | Decrease | USD | 990             | 900                 | 880         | 800             |
| <b>NY (ARGUS) VS. NY HRBR ULSD BALMO (ULB)</b>    |           |             |          |     |                 |                     |             |                 |
| ULB                                               | Non-HRP   |             | Decrease | USD | 3,200           | 3,200               | 2,500       | 2,500           |
| ULB                                               | HRP       |             | Decrease | USD | 3,520           | 3,200               | 2,750       | 2,500           |
| <b>SING FOB MFUEL 0.5%VS EUR FOB MFUEL (SRB)</b>  |           |             |          |     |                 |                     |             |                 |
| SRB                                               | Non-HRP   |             | Decrease | USD | 25,000          | 25,000              | 20,000      | 20,000          |
| SRB                                               | HRP       |             | Decrease | USD | 27,500          | 25,000              | 22,000      | 20,000          |
| <b>SINGAPORE GASOIL 500 PPM (PLATTS) F (GHS)</b>  |           |             |          |     |                 |                     |             |                 |
| GHS                                               | Non-HRP   | Mnth 1      | Decrease | USD | 9,250           | 9,250               | 8,250       | 8,250           |
| GHS                                               | HRP       | Mnth 1      | Decrease | USD | 10,175          | 9,250               | 9,075       | 8,250           |
| GHS                                               | Non-HRP   | Mnths 2-6   | Decrease | USD | 9,000           | 9,000               | 8,000       | 8,000           |
| GHS                                               | HRP       | Mnths 2-6   | Decrease | USD | 9,900           | 9,000               | 8,800       | 8,000           |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC | Rate Type | Description | Change | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|----|-----------|-------------|--------|-----|-----------------|---------------------|-------------|-----------------|
|----|-----------|-------------|--------|-----|-----------------|---------------------|-------------|-----------------|

### Intra Spreads

#### AGRICULTURE - Intra Spreads

##### Crude Palm Oil - All Months (USD MALAYSIAN CRUDE PALM CAL FUT)

|     |         |  |          |     |       |     |     |     |
|-----|---------|--|----------|-----|-------|-----|-----|-----|
| CPO | Non-HRP |  | Decrease | USD | 960   | 960 | 700 | 700 |
| CPO | HRP     |  | Decrease | USD | 1,056 | 960 | 770 | 700 |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC                                                                                                                            | Rate Type | Description | Change   | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|-------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| <b>Intra Spreads</b>                                                                                                          |           |             |          |     |                 |                     |             |                 |
| <b>EQUITY INDEX - Intra Spreads</b>                                                                                           |           |             |          |     |                 |                     |             |                 |
| <b>PHLX Semiconductor Index - All Months (BTIC EMINI PHLX SEMICONDUCTOR)</b>                                                  |           |             |          |     |                 |                     |             |                 |
| SOT                                                                                                                           | Non-HRP   |             | Decrease | USD | 1,800           | 1,800               | 900         | 900             |
| SOT                                                                                                                           | HRP       |             | Decrease | USD | 1,980           | 1,800               | 990         | 900             |
| <b>PHLX Semiconductor Index - All Months (EMINI PHLX SEMICONDUCTOR)</b>                                                       |           |             |          |     |                 |                     |             |                 |
| SOX                                                                                                                           | Non-HRP   |             | Decrease | USD | 1,800           | 1,800               | 900         | 900             |
| SOX                                                                                                                           | HRP       |             | Decrease | USD | 1,980           | 1,800               | 990         | 900             |
| <b>S&amp;P Biotechnology Select Industry - All Months (BTIC EMINI SP BIOTECH SELECT)</b>                                      |           |             |          |     |                 |                     |             |                 |
| BOT                                                                                                                           | Non-HRP   |             | Decrease | USD | 1,900           | 1,900               | 950         | 950             |
| BOT                                                                                                                           | HRP       |             | Decrease | USD | 2,090           | 1,900               | 1,045       | 950             |
| <b>S&amp;P Biotechnology Select Industry - All Months (EMINI SP BIOTECH SELECT INDUSTRY)</b>                                  |           |             |          |     |                 |                     |             |                 |
| SXT                                                                                                                           | Non-HRP   |             | Decrease | USD | 1,900           | 1,900               | 950         | 950             |
| SXT                                                                                                                           | HRP       |             | Decrease | USD | 2,090           | 1,900               | 1,045       | 950             |
| <b>S&amp;P Insurance Select Industry - All Months (BTIC EMINI SP INSURANCE SELECT)</b>                                        |           |             |          |     |                 |                     |             |                 |
| IST                                                                                                                           | Non-HRP   |             | Decrease | USD | 1,400           | 1,400               | 700         | 700             |
| IST                                                                                                                           | HRP       |             | Decrease | USD | 1,540           | 1,400               | 770         | 700             |
| <b>S&amp;P Insurance Select Industry - All Months (EMINI SP INSURANCE SELECT INDUSTRY)</b>                                    |           |             |          |     |                 |                     |             |                 |
| SXI                                                                                                                           | Non-HRP   |             | Decrease | USD | 1,400           | 1,400               | 700         | 700             |
| SXI                                                                                                                           | HRP       |             | Decrease | USD | 1,540           | 1,400               | 770         | 700             |
| <b>S&amp;P Oil &amp; Gas Exploration and Production Select Industry - All Months (BTIC EMINI SP OIL &amp; GAS SELECT)</b>     |           |             |          |     |                 |                     |             |                 |
| SWT                                                                                                                           | Non-HRP   |             | Decrease | USD | 3,900           | 3,900               | 1,950       | 1,950           |
| SWT                                                                                                                           | HRP       |             | Decrease | USD | 4,290           | 3,900               | 2,145       | 1,950           |
| <b>S&amp;P Oil &amp; Gas Exploration and Production Select Industry - All Months (EMINI SP OIL &amp; GAS SELECT INDUSTRY)</b> |           |             |          |     |                 |                     |             |                 |
| SXO                                                                                                                           | Non-HRP   |             | Decrease | USD | 3,900           | 3,900               | 1,950       | 1,950           |
| SXO                                                                                                                           | HRP       |             | Decrease | USD | 4,290           | 3,900               | 2,145       | 1,950           |
| <b>S&amp;P Regional Banks Select Industry - All Months (BTIC EMINI SP REGIONAL BANKS SECTOR)</b>                              |           |             |          |     |                 |                     |             |                 |
| RKT                                                                                                                           | Non-HRP   |             | Decrease | USD | 1,900           | 1,900               | 950         | 950             |
| RKT                                                                                                                           | HRP       |             | Decrease | USD | 2,090           | 1,900               | 1,045       | 950             |
| <b>S&amp;P Regional Banks Select Industry - All Months (EMINI SP REGIONAL BANKS SECTOR)</b>                                   |           |             |          |     |                 |                     |             |                 |
| SXB                                                                                                                           | Non-HRP   |             | Decrease | USD | 1,900           | 1,900               | 950         | 950             |
| SXB                                                                                                                           | HRP       |             | Decrease | USD | 2,090           | 1,900               | 1,045       | 950             |
| <b>S&amp;P Retail Select Industry - All Months (BTIC EMINI SP RETAIL SELECT)</b>                                              |           |             |          |     |                 |                     |             |                 |
| RET                                                                                                                           | Non-HRP   |             | Decrease | USD | 1,800           | 1,800               | 900         | 900             |
| RET                                                                                                                           | HRP       |             | Decrease | USD | 1,980           | 1,800               | 990         | 900             |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC                                                                                                            | Rate Type | Description | Change   | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|---------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| <b>Intra Spreads</b>                                                                                          |           |             |          |     |                 |                     |             |                 |
| <b>S&amp;P Retail Select Industry - All Months (EMINI SP RETAIL SELECT INDUSTRY)</b>                          |           |             |          |     |                 |                     |             |                 |
| SXR                                                                                                           | Non-HRP   |             | Decrease | USD | 1,800           | 1,800               | 900         | 900             |
| SXR                                                                                                           | HRP       |             | Decrease | USD | 1,980           | 1,800               | 990         | 900             |
| <b>S&amp;P Select Sector - Communication Services Intra - all months (BTIC ON E-MINI COM SERVICES SECTOR)</b> |           |             |          |     |                 |                     |             |                 |
| XZT                                                                                                           | Non-HRP   |             | Decrease | USD | 750             | 750                 | 550         | 550             |
| XZT                                                                                                           | HRP       |             | Decrease | USD | 825             | 750                 | 605         | 550             |
| <b>S&amp;P Select Sector - Communication Services Intra - all months (E-MINI COM SELECT SECTOR MARKER)</b>    |           |             |          |     |                 |                     |             |                 |
| XZI                                                                                                           | Non-HRP   |             | Decrease | USD | 750             | 750                 | 550         | 550             |
| XZI                                                                                                           | HRP       |             | Decrease | USD | 825             | 750                 | 605         | 550             |
| <b>S&amp;P Select Sector - Communication Services Intra - all months (E-MINI COM SERVICES SELECT SECTOR)</b>  |           |             |          |     |                 |                     |             |                 |
| XAZ                                                                                                           | Non-HRP   |             | Decrease | USD | 750             | 750                 | 550         | 550             |
| XAZ                                                                                                           | HRP       |             | Decrease | USD | 825             | 750                 | 605         | 550             |
| <b>S&amp;P SELECT SECTOR - CONSUMER DISCRETIONARY- All Months (BTIC E-MINI SP500 CONS DISCRET TAI)</b>        |           |             |          |     |                 |                     |             |                 |
| XYT                                                                                                           | Non-HRP   |             | Decrease | USD | 1,625           | 1,625               | 925         | 925             |
| XYT                                                                                                           | HRP       |             | Decrease | USD | 1,788           | 1,625               | 1,018       | 925             |
| <b>S&amp;P SELECT SECTOR - CONSUMER DISCRETIONARY- All Months (E-MINI SP500 CONS DISCRET SECTOR IX)</b>       |           |             |          |     |                 |                     |             |                 |
| XAY                                                                                                           | Non-HRP   |             | Decrease | USD | 1,625           | 1,625               | 925         | 925             |
| XAY                                                                                                           | HRP       |             | Decrease | USD | 1,788           | 1,625               | 1,018       | 925             |
| <b>S&amp;P SELECT SECTOR - CONSUMER DISCRETIONARY- All Months (E-MINI SP500 CONS DISCRET SYNTHETIC)</b>       |           |             |          |     |                 |                     |             |                 |
| 1YT                                                                                                           | Non-HRP   |             | Decrease | USD | 1,625           | 1,625               | 925         | 925             |
| 1YT                                                                                                           | HRP       |             | Decrease | USD | 1,788           | 1,625               | 1,018       | 925             |
| <b>S&amp;P SELECT SECTOR - CONSUMER STAPLES- All Months (BTIC CONSUMER STAPLES SECTOR TIC)</b>                |           |             |          |     |                 |                     |             |                 |
| XPT                                                                                                           | Non-HRP   |             | Decrease | USD | 550             | 550                 | 300         | 300             |
| XPT                                                                                                           | HRP       |             | Decrease | USD | 605             | 550                 | 330         | 300             |
| <b>S&amp;P SELECT SECTOR - CONSUMER STAPLES- All Months (EMINI SP 500 CONS STAPLES SECTOR IX)</b>             |           |             |          |     |                 |                     |             |                 |
| XAP                                                                                                           | Non-HRP   |             | Decrease | USD | 550             | 550                 | 300         | 300             |
| XAP                                                                                                           | HRP       |             | Decrease | USD | 605             | 550                 | 330         | 300             |
| <b>S&amp;P SELECT SECTOR - CONSUMER STAPLES- All Months (SP 500 - CONS STAPLES SYNTHETIC)</b>                 |           |             |          |     |                 |                     |             |                 |
| 1PT                                                                                                           | Non-HRP   |             | Decrease | USD | 550             | 550                 | 300         | 300             |
| 1PT                                                                                                           | HRP       |             | Decrease | USD | 605             | 550                 | 330         | 300             |
| <b>S&amp;P SELECT SECTOR - ENERGY - All Months (BTIC SP 500 ENERGY SELECT SECTOR)</b>                         |           |             |          |     |                 |                     |             |                 |
| XET                                                                                                           | Non-HRP   |             | Decrease | USD | 1,350           | 1,350               | 675         | 675             |
| XET                                                                                                           | HRP       |             | Decrease | USD | 1,485           | 1,350               | 743         | 675             |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC                                                                                            | Rate Type | Description | Change   | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|-----------------------------------------------------------------------------------------------|-----------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| <b>Intra Spreads</b>                                                                          |           |             |          |     |                 |                     |             |                 |
| <b>S&amp;P SELECT SECTOR - ENERGY - All Months (EMINI SP 500 ENERGY SECTOR INDEX)</b>         |           |             |          |     |                 |                     |             |                 |
| XAE                                                                                           | Non-HRP   |             | Decrease | USD | 1,350           | 1,350               | 675         | 675             |
| XAE                                                                                           | HRP       |             | Decrease | USD | 1,485           | 1,350               | 743         | 675             |
| <b>S&amp;P SELECT SECTOR - ENERGY - All Months (SP 500 ENERGY SLCT SEC SYNTHETIC)</b>         |           |             |          |     |                 |                     |             |                 |
| 1ET                                                                                           | Non-HRP   |             | Decrease | USD | 1,350           | 1,350               | 675         | 675             |
| 1ET                                                                                           | HRP       |             | Decrease | USD | 1,485           | 1,350               | 743         | 675             |
| <b>S&amp;P SELECT SECTOR - FINANCIAL - All Months (BTIC SP 500 FINANCIAL SECTOR TIC)</b>      |           |             |          |     |                 |                     |             |                 |
| XFT                                                                                           | Non-HRP   |             | Decrease | USD | 625             | 625                 | 375         | 375             |
| XFT                                                                                           | HRP       |             | Decrease | USD | 688             | 625                 | 413         | 375             |
| <b>S&amp;P SELECT SECTOR - FINANCIAL - All Months (EMINI SP500 - FINANCIAL SECT INDEX)</b>    |           |             |          |     |                 |                     |             |                 |
| XAF                                                                                           | Non-HRP   |             | Decrease | USD | 625             | 625                 | 375         | 375             |
| XAF                                                                                           | HRP       |             | Decrease | USD | 688             | 625                 | 413         | 375             |
| <b>S&amp;P SELECT SECTOR - FINANCIAL - All Months (SP 500 FINANCIAL SLCT SEC SYNT)</b>        |           |             |          |     |                 |                     |             |                 |
| 1FT                                                                                           | Non-HRP   |             | Decrease | USD | 625             | 625                 | 375         | 375             |
| 1FT                                                                                           | HRP       |             | Decrease | USD | 688             | 625                 | 413         | 375             |
| <b>S&amp;P SELECT SECTOR - HEALTH CARE - All Months (BTIC SP 500 HEALTH CARE SECTOR TIC)</b>  |           |             |          |     |                 |                     |             |                 |
| XVT                                                                                           | Non-HRP   |             | Decrease | USD | 1,750           | 1,750               | 900         | 900             |
| XVT                                                                                           | HRP       |             | Decrease | USD | 1,925           | 1,750               | 990         | 900             |
| <b>S&amp;P SELECT SECTOR - HEALTH CARE - All Months (EMINI SP500- HEALTH CARE SECT INDEX)</b> |           |             |          |     |                 |                     |             |                 |
| XAV                                                                                           | Non-HRP   |             | Decrease | USD | 1,750           | 1,750               | 900         | 900             |
| XAV                                                                                           | HRP       |             | Decrease | USD | 1,925           | 1,750               | 990         | 900             |
| <b>S&amp;P SELECT SECTOR - HEALTH CARE - All Months (SP 500 HEALTH CARE SECTOR SYNTHETIC)</b> |           |             |          |     |                 |                     |             |                 |
| 1VT                                                                                           | Non-HRP   |             | Decrease | USD | 1,750           | 1,750               | 900         | 900             |
| 1VT                                                                                           | HRP       |             | Decrease | USD | 1,925           | 1,750               | 990         | 900             |
| <b>S&amp;P SELECT SECTOR - INDUSTRIAL- All Months (BTIC SP 500 INDUSTTRIAL SECTOR TIC)</b>    |           |             |          |     |                 |                     |             |                 |
| XIT                                                                                           | Non-HRP   |             | Decrease | USD | 1,000           | 1,000               | 500         | 500             |
| XIT                                                                                           | HRP       |             | Decrease | USD | 1,100           | 1,000               | 550         | 500             |
| <b>S&amp;P SELECT SECTOR - INDUSTRIAL- All Months (EMINI SP500-INDUSTRIAL SECTOR INDEX)</b>   |           |             |          |     |                 |                     |             |                 |
| XAI                                                                                           | Non-HRP   |             | Decrease | USD | 1,000           | 1,000               | 500         | 500             |
| XAI                                                                                           | HRP       |             | Decrease | USD | 1,100           | 1,000               | 550         | 500             |
| <b>S&amp;P SELECT SECTOR - INDUSTRIAL- All Months (SP 500 - INDUSTRIAL SEL SECTOR SYNT)</b>   |           |             |          |     |                 |                     |             |                 |
| 1IT                                                                                           | Non-HRP   |             | Decrease | USD | 1,000           | 1,000               | 500         | 500             |
| 1IT                                                                                           | HRP       |             | Decrease | USD | 1,100           | 1,000               | 550         | 500             |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC                                                                                           | Rate Type | Description | Change   | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|----------------------------------------------------------------------------------------------|-----------|-------------|----------|-----|-----------------|---------------------|-------------|-----------------|
| <b>Intra Spreads</b>                                                                         |           |             |          |     |                 |                     |             |                 |
| <b>S&amp;P SELECT SECTOR - MATERIALS - All Months (BTIC SP 500 MATERIALS SEL SECTOR)</b>     |           |             |          |     |                 |                     |             |                 |
| XBT                                                                                          | Non-HRP   |             | Decrease | USD | 650             | 650                 | 375         | 375             |
| XBT                                                                                          | HRP       |             | Decrease | USD | 715             | 650                 | 413         | 375             |
| <b>S&amp;P SELECT SECTOR - MATERIALS - All Months (EMINI SP500 MATERIALS SECTOR INDEX)</b>   |           |             |          |     |                 |                     |             |                 |
| XAB                                                                                          | Non-HRP   |             | Decrease | USD | 650             | 650                 | 375         | 375             |
| XAB                                                                                          | HRP       |             | Decrease | USD | 715             | 650                 | 413         | 375             |
| <b>S&amp;P SELECT SECTOR - MATERIALS - All Months (SP 500 MATERIALS SEL SECTOR SYNTH)</b>    |           |             |          |     |                 |                     |             |                 |
| 1BT                                                                                          | Non-HRP   |             | Decrease | USD | 650             | 650                 | 375         | 375             |
| 1BT                                                                                          | HRP       |             | Decrease | USD | 715             | 650                 | 413         | 375             |
| <b>S&amp;P SELECT SECTOR - REAL ESTATE- All Months (BTIC REAL ESTATE SELECT INDEX FUT)</b>   |           |             |          |     |                 |                     |             |                 |
| XRT                                                                                          | Non-HRP   |             | Decrease | USD | 1,000           | 1,000               | 500         | 500             |
| XRT                                                                                          | HRP       |             | Decrease | USD | 1,100           | 1,000               | 550         | 500             |
| <b>S&amp;P SELECT SECTOR - REAL ESTATE- All Months (E-MINI REAL ESTATE INDEX MARKER)</b>     |           |             |          |     |                 |                     |             |                 |
| XRI                                                                                          | Non-HRP   |             | Decrease | USD | 1,000           | 1,000               | 500         | 500             |
| XRI                                                                                          | HRP       |             | Decrease | USD | 1,100           | 1,000               | 550         | 500             |
| <b>S&amp;P SELECT SECTOR - REAL ESTATE- All Months (REAL ESTATE SELECT SECTOR FUTURES)</b>   |           |             |          |     |                 |                     |             |                 |
| XAR                                                                                          | Non-HRP   |             | Decrease | USD | 1,000           | 1,000               | 500         | 500             |
| XAR                                                                                          | HRP       |             | Decrease | USD | 1,100           | 1,000               | 550         | 500             |
| <b>S&amp;P SELECT SECTOR - TECHNOLOGY - All Months (BTIC SP 500 TECHNOLOGY SECTOR TIC)</b>   |           |             |          |     |                 |                     |             |                 |
| XKT                                                                                          | Non-HRP   |             | Decrease | USD | 1,500           | 1,500               | 750         | 750             |
| XKT                                                                                          | HRP       |             | Decrease | USD | 1,650           | 1,500               | 825         | 750             |
| <b>S&amp;P SELECT SECTOR - TECHNOLOGY - All Months (EMINI SP500-TECHNOLOGY SECTOR INDEX)</b> |           |             |          |     |                 |                     |             |                 |
| XAK                                                                                          | Non-HRP   |             | Decrease | USD | 1,500           | 1,500               | 750         | 750             |
| XAK                                                                                          | HRP       |             | Decrease | USD | 1,650           | 1,500               | 825         | 750             |
| <b>S&amp;P SELECT SECTOR - TECHNOLOGY - All Months (SP 500 TECHNOLOGY SECTOR SYNTH)</b>      |           |             |          |     |                 |                     |             |                 |
| 1KT                                                                                          | Non-HRP   |             | Decrease | USD | 1,500           | 1,500               | 750         | 750             |
| 1KT                                                                                          | HRP       |             | Decrease | USD | 1,650           | 1,500               | 825         | 750             |
| <b>S&amp;P SELECT SECTOR - UTILITIES- All Months (BTIC SP 500 UTILITIES SEL SECTOR)</b>      |           |             |          |     |                 |                     |             |                 |
| XUT                                                                                          | Non-HRP   |             | Decrease | USD | 900             | 900                 | 450         | 450             |
| XUT                                                                                          | HRP       |             | Decrease | USD | 990             | 900                 | 495         | 450             |
| <b>S&amp;P SELECT SECTOR - UTILITIES- All Months (EMINI SP500-UTILITIES SECTOR INDEX)</b>    |           |             |          |     |                 |                     |             |                 |
| XAU                                                                                          | Non-HRP   |             | Decrease | USD | 900             | 900                 | 450         | 450             |
| XAU                                                                                          | HRP       |             | Decrease | USD | 990             | 900                 | 495         | 450             |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| CC | Rate Type | Description | Change | ISO | Current Initial | Current Maintenance | New Initial | New Maintenance |
|----|-----------|-------------|--------|-----|-----------------|---------------------|-------------|-----------------|
|----|-----------|-------------|--------|-----|-----------------|---------------------|-------------|-----------------|

### Intra Spreads

#### **S&P SELECT SECTOR - UTILITIES- All Months (SP 500 UTILITIES SEL SECTOR SYNTH)**

|     |         |  |          |     |     |     |     |     |
|-----|---------|--|----------|-----|-----|-----|-----|-----|
| 1UT | Non-HRP |  | Decrease | USD | 900 | 900 | 450 | 450 |
| 1UT | HRP     |  | Decrease | USD | 990 | 900 | 495 | 450 |

#### **FREIGHT - Intra Spreads**

#### **All Mnths (FREIGHT ROUTE TD3C FUTURES)**

|    |         |  |          |     |       |       |       |       |
|----|---------|--|----------|-----|-------|-------|-------|-------|
| TL | Non-HRP |  | Decrease | USD | 4,500 | 4,500 | 2,500 | 2,500 |
| TL | HRP     |  | Decrease | USD | 4,950 | 4,500 | 2,750 | 2,500 |

#### **FX - Intra Spreads**

#### **Mexican Peso (MP) Butterfly Spreads - Contracts 1-3+ (MEXICAN PESO FUTURES)**

|    |         |  |          |     |    |    |    |    |
|----|---------|--|----------|-----|----|----|----|----|
| MP | Non-HRP |  | Increase | USD | 60 | 60 | 75 | 75 |
| MP | HRP     |  | Increase | USD | 66 | 60 | 83 | 75 |

#### **Swiss Franc (SF) Butterfly Spreads - Contracts 1-3+ (MICRO CHF/USD FUTURES)**

|     |         |  |          |     |   |   |    |    |
|-----|---------|--|----------|-----|---|---|----|----|
| MSF | Non-HRP |  | Increase | USD | 8 | 8 | 11 | 11 |
| MSF | HRP     |  | Increase | USD | 8 | 8 | 12 | 11 |

#### **Swiss Franc (SF) Butterfly Spreads - Contracts 1-3+ (SWISS FRANC FUTURES)**

|    |         |  |          |     |    |    |     |     |
|----|---------|--|----------|-----|----|----|-----|-----|
| SF | Non-HRP |  | Increase | USD | 75 | 75 | 110 | 110 |
| SF | HRP     |  | Increase | USD | 83 | 75 | 121 | 110 |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| Rate Type                                                                                                                                    | Change   | Ratio  | Current Initial | Current Maintenance | New Initial | New Maintenance |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|-----------------|---------------------|-------------|-----------------|
| <b>Inter-commodity Spread Rates</b>                                                                                                          |          |        |                 |                     |             |                 |
| <b>AGRICULTURE - Inter-commodity Spread Rates</b>                                                                                            |          |        |                 |                     |             |                 |
| <b>CRUDE PALM OIL (CPO - CME) vs SOYBEAN OIL (07 - CME)</b>                                                                                  |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Increase | +1:-1  | 45%             | 45%                 | 55%         | 55%             |
| <b>ETHANOL - Inter-commodity Spread Rates</b>                                                                                                |          |        |                 |                     |             |                 |
| <b>CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)</b>          |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +1:-1  | 35%             | 35%                 | 0%          | 0%              |
| <b>CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME) vs NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME)</b>                         |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | -1:+1  | 25%             | 25%                 | 0%          | 0%              |
| <b>EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME)</b> |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +3:-19 | 25%             | 25%                 | 0%          | 0%              |
| <b>EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b>                               |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +2:-15 | 20%             | 20%                 | 0%          | 0%              |
| <b>MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b>          |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | -1:+1  | 35%             | 35%                 | 0%          | 0%              |
| <b>MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b>     |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +1:-1  | 25%             | 25%                 | 0%          | 0%              |
| <b>MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b>        |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +1:-1  | 30%             | 30%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)</b>                         |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | -1:+1  | 25%             | 25%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)</b>                                    |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +15:-2 | 30%             | 30%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME)</b>                       |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +9:-1  | 25%             | 25%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)</b>          |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +1:-1  | 30%             | 30%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)</b>                      |          |        |                 |                     |             |                 |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| Rate Type                                                                                                                    | Change   | Ratio  | Current Initial | Current Maintenance | New Initial | New Maintenance |
|------------------------------------------------------------------------------------------------------------------------------|----------|--------|-----------------|---------------------|-------------|-----------------|
| <b>Inter-commodity Spread Rates</b>                                                                                          |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                           | Decrease | +1:-1  | 25%             | 25%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)</b>      |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                           | Decrease | +15:-2 | 25%             | 25%                 | 0%          | 0%              |
| <b>PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b> |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                           | Decrease | -1:+1  | 30%             | 30%                 | 0%          | 0%              |
| <b>SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b>           |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                           | Decrease | +1:-1  | 25%             | 25%                 | 0%          | 0%              |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| Rate Type                                                               | Change | Ratio  | Current Initial | Current Maintenance | New Initial | New Maintenance |
|-------------------------------------------------------------------------|--------|--------|-----------------|---------------------|-------------|-----------------|
| <b>Inter-commodity Spread Rates</b>                                     |        |        |                 |                     |             |                 |
| <b>INTEREST RATES - Inter-commodity Spread Rates</b>                    |        |        |                 |                     |             |                 |
| <b>30-Year Micro Yield Future (30Y) vs Ultra Bond (UBE)</b>             |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +21:+1 |                 |                     | 85%         | 85%             |
| <b>5-Year Micro Yield Future (5YY) vs 5-Year T-Note (25)</b>            |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +4:+1  |                 |                     | 80%         | 80%             |
| <b>ESTR FUTURE (CME-ESR) Tier 1 vs 3M SOFR FUTURES (CME-SR3) Tier 1</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 85%         | 85%             |
| <b>ESTR FUTURE (CME-ESR) Tier 1 vs 3M SOFR FUTURES (CME-SR3) Tier 2</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 85%         | 85%             |
| <b>ESTR FUTURE (CME-ESR) Tier 1 vs 3M SOFR FUTURES (CME-SR3) Tier 3</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 50%         | 50%             |
| <b>ESTR FUTURE (CME-ESR) Tier 2 vs 3M SOFR FUTURES (CME-SR3) Tier 1</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 85%         | 85%             |
| <b>ESTR FUTURE (CME-ESR) Tier 2 vs 3M SOFR FUTURES (CME-SR3) Tier 2</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 80%         | 80%             |
| <b>ESTR FUTURE (CME-ESR) Tier 2 vs 3M SOFR FUTURES (CME-SR3) Tier 3</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 60%         | 60%             |
| <b>ESTR FUTURE (CME-ESR) Tier 3 vs 3M SOFR FUTURES (CME-SR3) Tier 1</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 75%         | 75%             |
| <b>ESTR FUTURE (CME-ESR) Tier 3 vs 3M SOFR FUTURES (CME-SR3) Tier 2</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 80%         | 80%             |
| <b>ESTR FUTURE (CME-ESR) Tier 3 vs 3M SOFR FUTURES (CME-SR3) Tier 3</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 60%         | 60%             |
| <b>ESTR FUTURE (CME-ESR) Tier 4 vs 3M SOFR FUTURES (CME-SR3) Tier 1</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 50%         | 50%             |
| <b>ESTR FUTURE (CME-ESR) Tier 4 vs 3M SOFR FUTURES (CME-SR3) Tier 2</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 50%         | 50%             |
| <b>ESTR FUTURE (CME-ESR) Tier 4 vs 3M SOFR FUTURES (CME-SR3) Tier 3</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 60%         | 60%             |
| <b>ESTR FUTURE (CME-ESR) Tier 4 vs 3M SOFR FUTURES (CME-SR3) Tier 4</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 35%         | 35%             |
| <b>ESTR FUTURE (CME-ESR) Tier 5 vs 3M SOFR FUTURES (CME-SR3) Tier 1</b> |        |        |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1  |                 |                     | 50%         | 50%             |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| Rate Type                                                               | Change | Ratio | Current Initial | Current Maintenance | New Initial | New Maintenance |
|-------------------------------------------------------------------------|--------|-------|-----------------|---------------------|-------------|-----------------|
| <b>Inter-commodity Spread Rates</b>                                     |        |       |                 |                     |             |                 |
| <b>ESTR FUTURE (CME-ESR) Tier 5 vs 3M SOFR FUTURES (CME-SR3) Tier 2</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 50%         | 50%             |
| <b>ESTR FUTURE (CME-ESR) Tier 5 vs 3M SOFR FUTURES (CME-SR3) Tier 3</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 55%         | 55%             |
| <b>ESTR FUTURE (CME-ESR) Tier 5 vs 3M SOFR FUTURES (CME-SR3) Tier 4</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 45%         | 45%             |
| <b>ESTR FUTURE (CME-ESR) Tier 6 vs 3M SOFR FUTURES (CME-SR3) Tier 1</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 35%         | 35%             |
| <b>ESTR FUTURE (CME-ESR) Tier 6 vs 3M SOFR FUTURES (CME-SR3) Tier 2</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 45%         | 45%             |
| <b>ESTR FUTURE (CME-ESR) Tier 6 vs 3M SOFR FUTURES (CME-SR3) Tier 3</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 50%         | 50%             |
| <b>ESTR FUTURE (CME-ESR) Tier 6 vs 3M SOFR FUTURES (CME-SR3) Tier 4</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 50%         | 50%             |
| <b>ESTR FUTURE (CME-ESR) Tier 7 vs 3M SOFR FUTURES (CME-SR3) Tier 3</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 40%         | 40%             |
| <b>ESTR FUTURE (CME-ESR) Tier 7 vs 3M SOFR FUTURES (CME-SR3) Tier 4</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 50%         | 50%             |
| <b>ESTR FUTURE (CME-ESR) Tier 8 vs 3M SOFR FUTURES (CME-SR3) Tier 3</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 40%         | 40%             |
| <b>ESTR FUTURE (CME-ESR) Tier 8 vs 3M SOFR FUTURES (CME-SR3) Tier 4</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 50%         | 50%             |
| <b>ESTR FUTURE (CME-ESR) Tier 9 vs 3M SOFR FUTURES (CME-SR3) Tier 3</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 40%         | 40%             |
| <b>ESTR FUTURE (CME-ESR) Tier 9 vs 3M SOFR FUTURES (CME-SR3) Tier 4</b> |        |       |                 |                     |             |                 |
| Spread Credit Rate                                                      | New    | +1:-1 |                 |                     | 40%         | 40%             |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| Rate Type                                                                                                                                | Change   | Ratio | Current Initial | Current Maintenance | New Initial | New Maintenance |
|------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-----------------|---------------------|-------------|-----------------|
| <b>Inter-commodity Spread Rates</b>                                                                                                      |          |       |                 |                     |             |                 |
| <b>NGL/PETROCHEMICALS - Inter-commodity Spread Rates</b>                                                                                 |          |       |                 |                     |             |                 |
| <b>CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)</b>      |          |       |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                       | Decrease | +1:-1 | 35%             | 35%                 | 0%          | 0%              |
| <b>CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME) vs NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME)</b>                     |          |       |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                       | Decrease | -1:+1 | 25%             | 25%                 | 0%          | 0%              |
| <b>MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b>      |          |       |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                       | Decrease | -1:+1 | 35%             | 35%                 | 0%          | 0%              |
| <b>MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b> |          |       |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                       | Decrease | +1:-1 | 25%             | 25%                 | 0%          | 0%              |
| <b>MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b>    |          |       |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                       | Decrease | +1:-1 | 30%             | 30%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)</b>                     |          |       |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                       | Decrease | -1:+1 | 25%             | 25%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)</b>      |          |       |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                       | Decrease | +1:-1 | 30%             | 30%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)</b>                  |          |       |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                       | Decrease | +1:-1 | 25%             | 25%                 | 0%          | 0%              |
| <b>PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b>             |          |       |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                       | Decrease | -1:+1 | 30%             | 30%                 | 0%          | 0%              |

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

| Rate Type                                                                                                                                    | Change   | Ratio  | Current Initial | Current Maintenance | New Initial | New Maintenance |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|-----------------|---------------------|-------------|-----------------|
| <b>Inter-commodity Spread Rates</b>                                                                                                          |          |        |                 |                     |             |                 |
| <b>REFINED PRODUCTS - Inter-commodity Spread Rates</b>                                                                                       |          |        |                 |                     |             |                 |
| <b>EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME)</b> |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +3:-19 | 25%             | 25%                 | 0%          | 0%              |
| <b>EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b>                               |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +2:-15 | 20%             | 20%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)</b>                                    |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +15:-2 | 30%             | 30%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME)</b>                       |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +9:-1  | 25%             | 25%                 | 0%          | 0%              |
| <b>NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)</b>                      |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +15:-2 | 25%             | 25%                 | 0%          | 0%              |
| <b>SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)</b>                           |          |        |                 |                     |             |                 |
| Spread Credit Rate                                                                                                                           | Decrease | +1:-1  | 25%             | 25%                 | 0%          | 0%              |