



24-050

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, February 15, 2024

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

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

and subscribe to the Performance Bond Rates Advisory Notice listserver.

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

The rates will be effective after the close of business on

Friday, February 16, 2024.

Current rates as of:

Thursday, February 15, 2024.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
AGRICULTURE - Outright Rates								
BLOOMBERG COMDITY INDEX FUT MARKER (AWI)								
AWI	Non-HRP		Decrease	USD	550	550	375	375
AWI	HRP		Decrease	USD	605	550	413	375
BLOOMBERG COMDITY INDEX SWAP MARKER (DGI)								
DGI	Non-HRP		Decrease	USD	550	550	375	375
DGI	HRP		Decrease	USD	605	550	413	375
BLOOMBERG COMMODITY INDEX FUTURES (70)								
70	Non-HRP		Decrease	USD	550	550	375	375
70	HRP		Decrease	USD	605	550	413	375
BLOOMBERG COMMODITY INDEX SWAPS (DGS)								
DGS	Non-HRP		Decrease	USD	550	550	375	375
DGS	HRP		Decrease	USD	605	550	413	375
BLOOMBERG ROLL SELECT COMM MARKER (DRI)								
DRI	Non-HRP		Decrease	USD	1,600	1,600	1,100	1,100
DRI	HRP		Decrease	USD	1,760	1,600	1,210	1,100
BLOOMBERG ROLL SELECT COMMDTY INDEX (DRS)								
DRS	Non-HRP		Decrease	USD	1,600	1,600	1,100	1,100
DRS	HRP		Decrease	USD	1,760	1,600	1,210	1,100
BTIC ON BLOOMBERG COMDITY INDEX FUT (AWT)								
AWT	Non-HRP		Decrease	USD	550	550	375	375
AWT	HRP		Decrease	USD	605	550	413	375
BTIC ON BLOOMBERG COMMODITY INDEX S (DGT)								
DGT	Non-HRP		Decrease	USD	550	550	375	375
DGT	HRP		Decrease	USD	605	550	413	375
BTIC ON BLOOMBERG ROLL SELECT INDEX (DRT)								
DRT	Non-HRP		Decrease	USD	1,600	1,600	1,100	1,100
DRT	HRP		Decrease	USD	1,760	1,600	1,210	1,100
BTIC ON S&P-GSCI COMMODITY INDEX (GDT)								
GDT	Non-HRP		Decrease	USD	10,000	10,000	7,000	7,000
GDT	HRP		Decrease	USD	11,000	10,000	7,700	7,000
BTIC ON S&P-GSCI EXCESS RETURN INDE (GIT)								
GIT	Non-HRP		Decrease	USD	2,000	2,000	1,400	1,400
GIT	HRP		Decrease	USD	2,200	2,000	1,540	1,400
BTIC ON S&P-GSCI EXCESS RETURN INDE (SET)								

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SET	Non-HRP		Decrease	USD	2,000	2,000	1,400	1,400
SET	HRP		Decrease	USD	2,200	2,000	1,540	1,400
GSCI ER FUTURES (GA)								
GA	Non-HRP		Decrease	USD	2,000	2,000	1,400	1,400
GA	HRP		Decrease	USD	2,200	2,000	1,540	1,400
S&P GSCI ENHANCED ER SWAP FUT (RRE)								
RRE	Non-HRP		Decrease	USD	2,600	2,600	1,800	1,800
RRE	HRP		Decrease	USD	2,860	2,600	1,980	1,800
S&P-GSCI COMMODITY INDEX FUTURE (GI)								
GI	Non-HRP		Decrease	USD	10,000	10,000	7,000	7,000
GI	HRP		Decrease	USD	11,000	10,000	7,700	7,000
S&P-GSCI COMMODITY INDEX MARKER (GDM)								
GDM	Non-HRP		Decrease	USD	10,000	10,000	7,000	7,000
GDM	HRP		Decrease	USD	11,000	10,000	7,700	7,000
S&P-GSCI EXCESS RETURN INDEX FUTURE (GII)								
GII	Non-HRP		Decrease	USD	2,000	2,000	1,400	1,400
GII	HRP		Decrease	USD	2,200	2,000	1,540	1,400
S&P-GSCI EXCESS RETURN INDEX SWAPS (SEI)								
SEI	Non-HRP		Decrease	USD	2,000	2,000	1,400	1,400
SEI	HRP		Decrease	USD	2,200	2,000	1,540	1,400
SP GSCI SWAP FUTURES (SES)								
SES	Non-HRP		Decrease	USD	2,000	2,000	1,400	1,400
SES	HRP		Decrease	USD	2,200	2,000	1,540	1,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EQUITY INDEX - Outright Rates								
BTIC ON E-MINI COM SERVICES SECTOR (XZT)								
XZT	Non-HRP		Increase	USD	4,750	4,750	5,500	5,500
XZT	HRP		Increase	USD	5,225	4,750	6,050	5,500
BTIC ON NIKKEI STOCK AVERAGE FUT (NKT)								
NKT	Non-HRP		Increase	USD	7,200	7,200	8,000	8,000
NKT	HRP		Increase	USD	7,920	7,200	8,800	8,000
BTIC ON YEN DENOMINATED NIKKEI FUT (NIT)								
NIT	Non-HRP		Increase	JPY	720,000	720,000	800,000	800,000
NIT	HRP		Increase	JPY	792,000	720,000	880,000	800,000
E-MINI COM SELECT SECTOR MARKER (XZI)								
XZI	Non-HRP		Increase	USD	4,750	4,750	5,500	5,500
XZI	HRP		Increase	USD	5,225	4,750	6,050	5,500
E-MINI COM SERVICES SELECT SECTOR (XAZ)								
XAZ	Non-HRP		Increase	USD	4,750	4,750	5,500	5,500
XAZ	HRP		Increase	USD	5,225	4,750	6,050	5,500
E-MINI NIKKEI 225 YEN DENOMINATED (ENY)								
ENY	Non-HRP		Increase	JPY	144,000	144,000	160,000	160,000
ENY	HRP		Increase	JPY	158,400	144,000	176,000	160,000
NIKKEI 225 DOLLAR FUTURES (NK)								
NK	Non-HRP		Increase	USD	7,200	7,200	8,000	8,000
NK	HRP		Increase	USD	7,920	7,200	8,800	8,000
NIKKEI 225 YEN FUT (N1)								
N1	Non-HRP		Increase	JPY	720,000	720,000	800,000	800,000
N1	HRP		Increase	JPY	792,000	720,000	880,000	800,000
NIKKEI STOCK AVERAGE FUTURES MARKER (NKM)								
NKM	Non-HRP		Increase	USD	7,200	7,200	8,000	8,000
NKM	HRP		Increase	USD	7,920	7,200	8,800	8,000
YEN DENOMINATED NIKKEI MARKER (NIM)								
NIM	Non-HRP		Increase	JPY	720,000	720,000	800,000	800,000
NIM	HRP		Increase	JPY	792,000	720,000	880,000	800,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

FX - Outright Rates

INR/USD FUTURE (SIR)

SIR	Non-HRP		Decrease	USD	1,000	1,000	900	900
SIR	HRP		Decrease	USD	1,100	1,000	990	900

MICRO INR/USD FUTURE (MIR)

MIR	Non-HRP		Decrease	USD	200	200	180	180
MIR	HRP		Decrease	USD	220	200	198	180

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

METALS - Outright Rates

ALUMINUM MW TRANS PREM PLATTS FUT (AUP)

AUP	Non-HRP	Mths 2-12	Increase	USD	600	600	800	800
AUP	HRP	Mths 2-12	Increase	USD	660	600	880	800

COBALT METAL (FASTMARKETS) FUT (COB)

COB	Non-HRP	Mth 1	Decrease	USD	3,000	3,000	2,800	2,800
COB	HRP	Mth 1	Decrease	USD	3,300	3,000	3,080	2,800
COB	Non-HRP	Mths 2-3	Decrease	USD	3,000	3,000	2,800	2,800
COB	HRP	Mths 2-3	Decrease	USD	3,300	3,000	3,080	2,800
COB	Non-HRP	Mths 4-6	Decrease	USD	3,000	3,000	2,800	2,800
COB	HRP	Mths 4-6	Decrease	USD	3,300	3,000	3,080	2,800
COB	Non-HRP	Mths 7+	Decrease	USD	3,000	3,000	2,800	2,800
COB	HRP	Mths 7+	Decrease	USD	3,300	3,000	3,080	2,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
COMEX 5000 SILVER FUTURES (SI)								
SI	Non-HRP	Mnth1	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth1	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth2	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth2	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth3	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth3	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth4	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth4	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth5	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth5	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth6	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth6	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth7	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth7	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth8	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth8	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth9	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth9	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth10	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth10	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth11	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth11	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth12	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth12	Decrease	USD	9,900	9,000	8,800	8,000
SI	Non-HRP	Mnth13+	Decrease	USD	9,000	9,000	8,000	8,000
SI	HRP	Mnth13+	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
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Outright Rates

COMEX 5000 SILVER TRADE AT SETTLE (SIT)

SIT	Non-HRP	Mnth1	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth1	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth2	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth2	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth3	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth3	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth4	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth4	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth5	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth5	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth6	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth6	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth7	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth7	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth8	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth8	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth9	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth9	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth10	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth10	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth11	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth11	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth12	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth12	Decrease	USD	9,900	9,000	8,800	8,000
SIT	Non-HRP	Mnth13+	Decrease	USD	9,000	9,000	8,000	8,000
SIT	HRP	Mnth13+	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
Outright Rates								
COMEX MINY SILVER FUTURES (QI)								
QI	Non-HRP	Mnth1	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth1	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth2	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth2	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth3	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth3	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth4	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth4	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth5	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth5	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth6	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth6	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth7	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth7	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth8	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth8	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth9	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth9	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth10	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth10	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth11	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth11	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth12	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth12	Decrease	USD	4,950	4,500	4,400	4,000
QI	Non-HRP	Mnth13+	Decrease	USD	4,500	4,500	4,000	4,000
QI	HRP	Mnth13+	Decrease	USD	4,950	4,500	4,400	4,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

E-MINI SILVER FUTURES (6Q)

6Q	Non-HRP	Mnth1	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth1	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth2	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth2	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth3	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth3	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth4	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth4	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth5	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth5	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth6	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth6	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth7	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth7	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth8	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth8	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth9	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth9	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth10	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth10	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth11	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth11	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth12	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth12	Decrease	USD	1,980	1,800	1,760	1,600
6Q	Non-HRP	Mnth13+	Decrease	USD	1,800	1,800	1,600	1,600
6Q	HRP	Mnth13+	Decrease	USD	1,980	1,800	1,760	1,600

IRON ORE 62% FE CFR CHINA FUTURES (TIO)

TIO	Non-HRP	Mnth 1	Decrease	USD	7,000	7,000	6,500	6,500
TIO	HRP	Mnth 1	Decrease	USD	7,700	7,000	7,150	6,500
TIO	Non-HRP	Mnth 2-4	Decrease	USD	6,500	6,500	5,500	5,500
TIO	HRP	Mnth 2-4	Decrease	USD	7,150	6,500	6,050	5,500
TIO	Non-HRP	Mnth 5-9	Decrease	USD	5,500	5,500	5,000	5,000
TIO	HRP	Mnth 5-9	Decrease	USD	6,050	5,500	5,500	5,000
TIO	Non-HRP	Mnth 10+	Decrease	USD	5,500	5,500	5,000	5,000
TIO	HRP	Mnth 10+	Decrease	USD	6,050	5,500	5,500	5,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
LITHIUM CARBONATE CIF CJK (FASTMARK (LTC))								
LTC	Non-HRP	Mth 1	Decrease	USD	7,000	7,000	6,000	6,000
LTC	HRP	Mth 1	Decrease	USD	7,700	7,000	6,600	6,000
LTC	Non-HRP	Mths 2-3	Decrease	USD	7,000	7,000	6,000	6,000
LTC	HRP	Mths 2-3	Decrease	USD	7,700	7,000	6,600	6,000
LTC	Non-HRP	Mths 4-6	Decrease	USD	7,000	7,000	6,000	6,000
LTC	HRP	Mths 4-6	Decrease	USD	7,700	7,000	6,600	6,000
LTC	Non-HRP	Mths 7+	Decrease	USD	7,000	7,000	6,000	6,000
LTC	HRP	Mths 7+	Decrease	USD	7,700	7,000	6,600	6,000
LITHIUM HYDROXIDE (FASTMARKETS) FUT (LTH)								
LTH	Non-HRP	Mth 1	Decrease	USD	4,000	4,000	3,500	3,500
LTH	HRP	Mth 1	Decrease	USD	4,400	4,000	3,850	3,500
LTH	Non-HRP	Mths 2-3	Decrease	USD	4,000	4,000	3,500	3,500
LTH	HRP	Mths 2-3	Decrease	USD	4,400	4,000	3,850	3,500
LTH	Non-HRP	Mths 4-6	Decrease	USD	4,000	4,000	3,500	3,500
LTH	HRP	Mths 4-6	Decrease	USD	4,400	4,000	3,850	3,500
LTH	Non-HRP	Mths 7+	Decrease	USD	4,000	4,000	3,500	3,500
LTH	HRP	Mths 7+	Decrease	USD	4,400	4,000	3,850	3,500
MICRO PALLADIUM FUTURES (PAM)								
PAM	Non-HRP	Mnth 1	Decrease	USD	1,450	1,450	1,250	1,250
PAM	HRP	Mnth 1	Decrease	USD	1,595	1,450	1,375	1,250
PAM	Non-HRP	Mnth 2	Decrease	USD	1,400	1,400	1,200	1,200
PAM	HRP	Mnth 2	Decrease	USD	1,540	1,400	1,320	1,200
PAM	Non-HRP	Mnth 3	Decrease	USD	1,400	1,400	1,200	1,200
PAM	HRP	Mnth 3	Decrease	USD	1,540	1,400	1,320	1,200
PAM	Non-HRP	Mnth 4+	Decrease	USD	1,400	1,400	1,200	1,200
PAM	HRP	Mnth 4+	Decrease	USD	1,540	1,400	1,320	1,200
MICRO PLATINUM FUTURES (PLM)								
PLM	Non-HRP	Mths 1	Decrease	USD	560	560	500	500
PLM	HRP	Mths 1	Decrease	USD	616	560	550	500
PLM	Non-HRP	Mths 2+	Decrease	USD	560	560	500	500
PLM	HRP	Mths 2+	Decrease	USD	616	560	550	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

MICRO SILVER FUTURES (SIL)

SIL	Non-HRP	Mnth1	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth1	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth2	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth2	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth3	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth3	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth4	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth4	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth5	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth5	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth6	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth6	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth7	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth7	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth8	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth8	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth9	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth9	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth10	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth10	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth11	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth11	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth12	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth12	Decrease	USD	1,980	1,800	1,760	1,600
SIL	Non-HRP	Mnth13+	Decrease	USD	1,800	1,800	1,600	1,600
SIL	HRP	Mnth13+	Decrease	USD	1,980	1,800	1,760	1,600

NORTH EURO HOT-ROLLED COIL STEEL (EHR)

EHR	Non-HRP	Mths 1-4	Decrease	EUR	850	850	750	750
EHR	HRP	Mths 1-4	Decrease	EUR	935	850	825	750
EHR	Non-HRP	Mths 5+	Decrease	EUR	850	850	750	750
EHR	HRP	Mths 5+	Decrease	EUR	935	850	825	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PALLADIUM FUTURES NYMEX (PA)								
PA	Non-HRP	Mnth 1	Decrease	USD	14,500	14,500	12,500	12,500
PA	HRP	Mnth 1	Decrease	USD	15,950	14,500	13,750	12,500
PA	Non-HRP	Mnth 2	Decrease	USD	14,000	14,000	12,000	12,000
PA	HRP	Mnth 2	Decrease	USD	15,400	14,000	13,200	12,000
PA	Non-HRP	Mnth 3	Decrease	USD	14,000	14,000	12,000	12,000
PA	HRP	Mnth 3	Decrease	USD	15,400	14,000	13,200	12,000
PA	Non-HRP	Mnth 4+	Decrease	USD	14,000	14,000	12,000	12,000
PA	HRP	Mnth 4+	Decrease	USD	15,400	14,000	13,200	12,000
PALLADIUM TAS (PAT)								
PAT	Non-HRP	Mnth 1	Decrease	USD	14,500	14,500	12,500	12,500
PAT	HRP	Mnth 1	Decrease	USD	15,950	14,500	13,750	12,500
PAT	Non-HRP	Mnth 2	Decrease	USD	14,000	14,000	12,000	12,000
PAT	HRP	Mnth 2	Decrease	USD	15,400	14,000	13,200	12,000
PAT	Non-HRP	Mnth 3	Decrease	USD	14,000	14,000	12,000	12,000
PAT	HRP	Mnth 3	Decrease	USD	15,400	14,000	13,200	12,000
PAT	Non-HRP	Mnth 4+	Decrease	USD	14,000	14,000	12,000	12,000
PAT	HRP	Mnth 4+	Decrease	USD	15,400	14,000	13,200	12,000
PLATINUM FUTURES NYMEX (PL)								
PL	Non-HRP	Mths 1	Decrease	USD	2,800	2,800	2,500	2,500
PL	HRP	Mths 1	Decrease	USD	3,080	2,800	2,750	2,500
PL	Non-HRP	Mths 2+	Decrease	USD	2,800	2,800	2,500	2,500
PL	HRP	Mths 2+	Decrease	USD	3,080	2,800	2,750	2,500
PLATINUM FUTURES TAS (PLT)								
PLT	Non-HRP	Mths 1	Decrease	USD	2,800	2,800	2,500	2,500
PLT	HRP	Mths 1	Decrease	USD	3,080	2,800	2,750	2,500
PLT	Non-HRP	Mths 2+	Decrease	USD	2,800	2,800	2,500	2,500
PLT	HRP	Mths 2+	Decrease	USD	3,080	2,800	2,750	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

NATURAL GAS - Outright Rates

DUTCH TTF NAT GAS FIN M-1 AVG PRC (TTB)

TTB	Non-HRP	Mnth 1	Decrease	USD	22,500	22,500	16,000	16,000
TTB	HRP	Mnth 1	Decrease	USD	24,750	22,500	17,600	16,000
TTB	Non-HRP	Mnths 2	Decrease	USD	21,000	21,000	14,500	14,500
TTB	HRP	Mnths 2	Decrease	USD	23,100	21,000	15,950	14,500
TTB	Non-HRP	Mnths 3-7	Decrease	USD	18,000	18,000	12,500	12,500
TTB	HRP	Mnths 3-7	Decrease	USD	19,800	18,000	13,750	12,500
TTB	Non-HRP	Mnths 8-13	Decrease	USD	18,000	18,000	12,000	12,000
TTB	HRP	Mnths 8-13	Decrease	USD	19,800	18,000	13,200	12,000
TTB	Non-HRP	Mnths 14-19	Decrease	USD	17,000	17,000	11,000	11,000
TTB	HRP	Mnths 14-19	Decrease	USD	18,700	17,000	12,100	11,000
TTB	Non-HRP	Mnths 20+	Decrease	USD	17,000	17,000	11,000	11,000
TTB	HRP	Mnths 20+	Decrease	USD	18,700	17,000	12,100	11,000

DUTCH TTF NATURAL GAS (USD/MMBTU) (TFU)

TFU	Non-HRP	Mnth 1	Decrease	USD	22,500	22,500	16,000	16,000
TFU	HRP	Mnth 1	Decrease	USD	24,750	22,500	17,600	16,000
TFU	Non-HRP	Mnth 2	Decrease	USD	21,000	21,000	14,500	14,500
TFU	HRP	Mnth 2	Decrease	USD	23,100	21,000	15,950	14,500
TFU	Non-HRP	Mnth 3-7	Decrease	USD	18,000	18,000	12,500	12,500
TFU	HRP	Mnth 3-7	Decrease	USD	19,800	18,000	13,750	12,500
TFU	Non-HRP	Mnths 8-13	Decrease	USD	18,000	18,000	12,000	12,000
TFU	HRP	Mnths 8-13	Decrease	USD	19,800	18,000	13,200	12,000
TFU	Non-HRP	Mnths 14-19	Decrease	USD	17,000	17,000	11,000	11,000
TFU	HRP	Mnths 14-19	Decrease	USD	18,700	17,000	12,100	11,000
TFU	Non-HRP	Mnths 20+	Decrease	USD	17,000	17,000	11,000	11,000
TFU	HRP	Mnths 20+	Decrease	USD	18,700	17,000	12,100	11,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DUTCH TTF NATURAL GAS CAL MONTH FUT (TTF)								
TTF	Non-HRP	Mnth 1	Decrease	EUR	5,000	5,000	3,500	3,500
TTF	HRP	Mnth 1	Decrease	EUR	5,500	5,000	3,850	3,500
TTF	Non-HRP	Mnth 2	Decrease	EUR	4,800	4,800	3,400	3,400
TTF	HRP	Mnth 2	Decrease	EUR	5,280	4,800	3,740	3,400
TTF	Non-HRP	Mnth 3-7	Decrease	EUR	4,000	4,000	2,800	2,800
TTF	HRP	Mnth 3-7	Decrease	EUR	4,400	4,000	3,080	2,800
TTF	Non-HRP	Mnths 8-13	Decrease	EUR	4,000	4,000	2,750	2,750
TTF	HRP	Mnths 8-13	Decrease	EUR	4,400	4,000	3,025	2,750
TTF	Non-HRP	Mnths 14-19	Decrease	EUR	3,750	3,750	2,500	2,500
TTF	HRP	Mnths 14-19	Decrease	EUR	4,125	3,750	2,750	2,500
TTF	Non-HRP	Mnths 20+	Decrease	EUR	3,750	3,750	2,500	2,500
TTF	HRP	Mnths 20+	Decrease	EUR	4,125	3,750	2,750	2,500
DUTCH TTF NATURAL GAS DAILY FUTURES (TTD)								
TTD	Non-HRP	Day 1-3	Decrease	EUR	475	475	300	300
TTD	HRP	Day 1-3	Decrease	EUR	523	475	330	300
TTD	Non-HRP	Day 4-7	Decrease	EUR	425	425	275	275
TTD	HRP	Day 4-7	Decrease	EUR	468	425	303	275
TTD	Non-HRP	Day 8-14	Decrease	EUR	375	375	250	250
TTD	HRP	Day 8-14	Decrease	EUR	413	375	275	250
TTD	Non-HRP	Day 15+	Decrease	EUR	350	350	225	225
TTD	HRP	Day 15+	Decrease	EUR	385	350	248	225
DUTCH TTF NATURAL GAS FIN CAL M (TTG)								
TTG	Non-HRP	Mnth 1	Decrease	EUR	5,000	5,000	3,500	3,500
TTG	HRP	Mnth 1	Decrease	EUR	5,500	5,000	3,850	3,500
TTG	Non-HRP	Mnth 2	Decrease	EUR	4,800	4,800	3,400	3,400
TTG	HRP	Mnth 2	Decrease	EUR	5,280	4,800	3,740	3,400
TTG	Non-HRP	Mnth 3-7	Decrease	EUR	4,000	4,000	2,800	2,800
TTG	HRP	Mnth 3-7	Decrease	EUR	4,400	4,000	3,080	2,800
TTG	Non-HRP	Mnths 8-13	Decrease	EUR	4,000	4,000	2,750	2,750
TTG	HRP	Mnths 8-13	Decrease	EUR	4,400	4,000	3,025	2,750
TTG	Non-HRP	Mnths 14-19	Decrease	EUR	3,750	3,750	2,500	2,500
TTG	HRP	Mnths 14-19	Decrease	EUR	4,125	3,750	2,750	2,500
TTG	Non-HRP	Mnth 20+	Decrease	EUR	3,750	3,750	2,500	2,500
TTG	HRP	Mnth 20+	Decrease	EUR	4,125	3,750	2,750	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

DUTCH TTF NATURAL GAS FIN DAY AHEAD (TTI)

TTI	Non-HRP	Mnth 1	Decrease	EUR	5,000	5,000	3,500	3,500
TTI	HRP	Mnth 1	Decrease	EUR	5,500	5,000	3,850	3,500
TTI	Non-HRP	Mnth 2	Decrease	EUR	4,800	4,800	3,400	3,400
TTI	HRP	Mnth 2	Decrease	EUR	5,280	4,800	3,740	3,400
TTI	Non-HRP	Mnth 3-7	Decrease	EUR	4,000	4,000	2,800	2,800
TTI	HRP	Mnth 3-7	Decrease	EUR	4,400	4,000	3,080	2,800
TTI	Non-HRP	Mnths 8-13	Decrease	EUR	4,000	4,000	2,750	2,750
TTI	HRP	Mnths 8-13	Decrease	EUR	4,400	4,000	3,025	2,750
TTI	Non-HRP	Mnths 14-19	Decrease	EUR	3,750	3,750	2,500	2,500
TTI	HRP	Mnths 14-19	Decrease	EUR	4,125	3,750	2,750	2,500
TTI	Non-HRP	Mnth 20+	Decrease	EUR	3,750	3,750	2,500	2,500
TTI	HRP	Mnth 20+	Decrease	EUR	4,125	3,750	2,750	2,500

DUTCH TTF NATURAL GAS FRONT MTH FUT (TTE)

TTE	Non-HRP	Mnth 1	Decrease	USD	22,500	22,500	16,000	16,000
TTE	HRP	Mnth 1	Decrease	USD	24,750	22,500	17,600	16,000
TTE	Non-HRP	Mnths 2	Decrease	USD	21,000	21,000	14,500	14,500
TTE	HRP	Mnths 2	Decrease	USD	23,100	21,000	15,950	14,500
TTE	Non-HRP	Mnths 3-7	Decrease	USD	18,000	18,000	12,500	12,500
TTE	HRP	Mnths 3-7	Decrease	USD	19,800	18,000	13,750	12,500
TTE	Non-HRP	Mnths 8-13	Decrease	USD	18,000	18,000	12,000	12,000
TTE	HRP	Mnths 8-13	Decrease	USD	19,800	18,000	13,200	12,000
TTE	Non-HRP	Mnths 14-19	Decrease	USD	17,000	17,000	11,000	11,000
TTE	HRP	Mnths 14-19	Decrease	USD	18,700	17,000	12,100	11,000
TTE	Non-HRP	Mnths 20+	Decrease	USD	17,000	17,000	11,000	11,000
TTE	HRP	Mnths 20+	Decrease	USD	18,700	17,000	12,100	11,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
LNG JAPAN KOREA MARKER PLATTS FUT (JKM)								
JKM	Non-HRP	Month 1	Decrease	USD	23,000	23,000	17,000	17,000
JKM	HRP	Month 1	Decrease	USD	25,300	23,000	18,700	17,000
JKM	Non-HRP	Month 2	Decrease	USD	22,000	22,000	16,000	16,000
JKM	HRP	Month 2	Decrease	USD	24,200	22,000	17,600	16,000
JKM	Non-HRP	Month 3	Decrease	USD	20,000	20,000	13,000	13,000
JKM	HRP	Month 3	Decrease	USD	22,000	20,000	14,300	13,000
JKM	Non-HRP	Mnths 4-7	Decrease	USD	20,000	20,000	12,000	12,000
JKM	HRP	Mnths 4-7	Decrease	USD	22,000	20,000	13,200	12,000
JKM	Non-HRP	Mnths 8-13	Decrease	USD	21,000	21,000	11,500	11,500
JKM	HRP	Mnths 8-13	Decrease	USD	23,100	21,000	12,650	11,500
JKM	Non-HRP	Mnths 20+	Decrease	USD	18,000	18,000	11,000	11,000
JKM	HRP	Mnths 20+	Decrease	USD	19,800	18,000	12,100	11,000
JKM	Non-HRP	Months 14-19	Decrease	USD	18,000	18,000	11,000	11,000
JKM	HRP	Months 14-19	Decrease	USD	19,800	18,000	12,100	11,000
LNG JAPAN KOREA MRK YEN FUT (JKY)								
JKY	Non-HRP	Month 1	Decrease	JPY	3,400,000	3,400,000	2,500,000	2,500,000
JKY	HRP	Month 1	Decrease	JPY	3,740,000	3,400,000	2,750,000	2,500,000
JKY	Non-HRP	Month 2	Decrease	JPY	3,300,000	3,300,000	2,400,000	2,400,000
JKY	HRP	Month 2	Decrease	JPY	3,630,000	3,300,000	2,640,000	2,400,000
JKY	Non-HRP	Month 3	Decrease	JPY	3,000,000	3,000,000	1,900,000	1,900,000
JKY	HRP	Month 3	Decrease	JPY	3,300,000	3,000,000	2,090,000	1,900,000
JKY	Non-HRP	Mnths 4-7	Decrease	JPY	3,000,000	3,000,000	1,800,000	1,800,000
JKY	HRP	Mnths 4-7	Decrease	JPY	3,300,000	3,000,000	1,980,000	1,800,000
JKY	Non-HRP	Mnths 8-13	Decrease	JPY	3,100,000	3,100,000	1,700,000	1,700,000
JKY	HRP	Mnths 8-13	Decrease	JPY	3,410,000	3,100,000	1,870,000	1,700,000
JKY	Non-HRP	Mnths 14-19	Decrease	JPY	2,700,000	2,700,000	1,600,000	1,600,000
JKY	HRP	Mnths 14-19	Decrease	JPY	2,970,000	2,700,000	1,760,000	1,600,000
JKY	Non-HRP	Mnths 20+	Decrease	JPY	2,700,000	2,700,000	1,600,000	1,600,000
JKY	HRP	Mnths 20+	Decrease	JPY	2,970,000	2,700,000	1,760,000	1,600,000
NBD NATURAL GAS DAILY FUTURE (NBD)								
NBD	Non-HRP	Day 1-3	Decrease	GBP	500	500	325	325
NBD	HRP	Day 1-3	Decrease	GBP	550	500	358	325
NBD	Non-HRP	Day 4-7	Decrease	GBP	450	450	300	300
NBD	HRP	Day 4-7	Decrease	GBP	495	450	330	300
NBD	Non-HRP	Day 8-14	Decrease	GBP	400	400	250	250
NBD	HRP	Day 8-14	Decrease	GBP	440	400	275	250
NBD	Non-HRP	Day 15+	Decrease	GBP	350	350	225	225
NBD	HRP	Day 15+	Decrease	GBP	385	350	248	225

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

UK NBP NAT GAS CAL MTH FUT (UKG)

UKG	Non-HRP	Mnth 1	Decrease	GBP	5,400	5,400	3,800	3,800
UKG	HRP	Mnth 1	Decrease	GBP	5,940	5,400	4,180	3,800
UKG	Non-HRP	Mnth 2	Decrease	GBP	5,000	5,000	3,750	3,750
UKG	HRP	Mnth 2	Decrease	GBP	5,500	5,000	4,125	3,750
UKG	Non-HRP	Mnth 3-7	Decrease	GBP	4,200	4,200	3,100	3,100
UKG	HRP	Mnth 3-7	Decrease	GBP	4,620	4,200	3,410	3,100
UKG	Non-HRP	Mnths 8-13	Decrease	GBP	4,200	4,200	3,000	3,000
UKG	HRP	Mnths 8-13	Decrease	GBP	4,620	4,200	3,300	3,000
UKG	Non-HRP	Mnths 14+	Decrease	GBP	4,000	4,000	2,750	2,750
UKG	HRP	Mnths 14+	Decrease	GBP	4,400	4,000	3,025	2,750

UK NBP NATURAL GAS FRONT MTH FUT (NBP)

NBP	Non-HRP	Mnth 1	Decrease	USD	23,500	23,500	16,500	16,500
NBP	HRP	Mnth 1	Decrease	USD	25,850	23,500	18,150	16,500
NBP	Non-HRP	Mnths 2	Decrease	USD	22,000	22,000	15,250	15,250
NBP	HRP	Mnths 2	Decrease	USD	24,200	22,000	16,775	15,250
NBP	Non-HRP	Mnths 3-7	Decrease	USD	18,500	18,500	13,000	13,000
NBP	HRP	Mnths 3-7	Decrease	USD	20,350	18,500	14,300	13,000
NBP	Non-HRP	Mnths 8-13	Decrease	USD	18,500	18,500	12,500	12,500
NBP	HRP	Mnths 8-13	Decrease	USD	20,350	18,500	13,750	12,500
NBP	Non-HRP	Month 14+	Decrease	USD	17,000	17,000	12,000	12,000
NBP	HRP	Month 14+	Decrease	USD	18,700	17,000	13,200	12,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
EQUITY INDEX - Intra Spreads								
NIKKEI 225 Stock Index (NK) - All Months (BTIC ON NIKKEI STOCK AVERAGE FUT)								
NKT	Non-HRP		Increase	USD	750	750	800	800
NKT	HRP		Increase	USD	825	750	880	800
NIKKEI 225 Stock Index (NK) - All Months (NIKKEI 225 DOLLAR FUTURES)								
NK	Non-HRP		Increase	USD	750	750	800	800
NK	HRP		Increase	USD	825	750	880	800
NIKKEI 225 Stock Index (NK) - All Months (NIKKEI STOCK AVERAGE FUTURES MARKER)								
NKM	Non-HRP		Increase	USD	750	750	800	800
NKM	HRP		Increase	USD	825	750	880	800
Yen-based Nikkei (N1) - All Months (BTIC ON YEN DENOMINATED NIKKEI FUT)								
NIT	Non-HRP		Increase	JPY	75,000	75,000	80,000	80,000
NIT	HRP		Increase	JPY	82,500	75,000	88,000	80,000
Yen-based Nikkei (N1) - All Months (E-MINI NIKKEI 225 YEN DENOMINATED)								
ENY	Non-HRP		Increase	JPY	15,000	15,000	16,000	16,000
ENY	HRP		Increase	JPY	16,500	15,000	17,600	16,000
Yen-based Nikkei (N1) - All Months (NIKKEI 225 YEN FUT)								
N1	Non-HRP		Increase	JPY	75,000	75,000	80,000	80,000
N1	HRP		Increase	JPY	82,500	75,000	88,000	80,000
Yen-based Nikkei (N1) - All Months (YEN DENOMINATED NIKKEI MARKER)								
NIM	Non-HRP		Increase	JPY	75,000	75,000	80,000	80,000
NIM	HRP		Increase	JPY	82,500	75,000	88,000	80,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
METALS - Intra Spreads								
CX-ALI Butterfly Spreads Contracts 01 vs. 02 vs. 03 (ALUMINUM FUTURES)								
ALI	Non-HRP		Decrease	USD	1,000	1,000	700	700
ALI	HRP		Decrease	USD	1,100	1,000	770	700
CX-ALI Butterfly Spreads Contracts 02 vs. 03 vs. 04 (ALUMINUM FUTURES)								
ALI	Non-HRP		Decrease	USD	900	900	650	650
ALI	HRP		Decrease	USD	990	900	715	650
Mths 01-04 vs Mths 01-04 (ALUMINUM FUTURES)								
ALI	Non-HRP		Decrease	USD	1,000	1,000	800	800
ALI	HRP		Decrease	USD	1,100	1,000	880	800
Mths 01-04 vs Mths 05+ (ALUMINUM FUTURES)								
ALI	Non-HRP		Decrease	USD	1,000	1,000	800	800
ALI	HRP		Decrease	USD	1,100	1,000	880	800
Mths 05+ vs Mths 05+ (ALUMINUM FUTURES)								
ALI	Non-HRP		Decrease	USD	1,000	1,000	800	800
ALI	HRP		Decrease	USD	1,100	1,000	880	800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
AGRICULTURE - Inter-commodity Spread Rates						
BLOOMBERG COMMODITY INDEX FUTURE (70 - CME) vs COMEX COPPER FUTURE (CX-HG - CME)						
Spread Credit Rate	Increase	+10:-1	60%	60%	70%	70%
OTC S&P GSCI Excess Return Swap (SES) vs Soybean Futures (S)						
Spread Credit Rate	Increase	-2:+1	45%	45%	50%	50%
ETHANOL - Inter-commodity Spread Rates						
NY-CU vs NY-Z1						
Spread Credit Rate	New	+1:-2			50%	50%
NY-Z1 vs EZ						
Spread Credit Rate	New	+1:-2			50%	50%
INTEREST RATES - Inter-commodity Spread Rates						
2 Year Treasury Note (26) vs. Fed Funds (CBOT) (41) Tier 1 (Month 1)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	35%	35%
3M SOFR FUTURES (SR3 - CME) Month 2 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	75%	75%	55%	55%
3M SOFR FUTURES (SR3 - CME) Month 3 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	75%	75%	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 3 vs 5-YEAR T-NOTE (25 - CME) All Months						
Spread Credit Rate	Decrease	+2:-1	70%	70%	60%	60%
3M SOFR FUTURES (SR3 - CME) Tier 2 vs 10-YEAR T-NOTE (21 - CME) All Months						
Spread Credit Rate	Decrease	+5:-2	65%	65%	60%	60%
3M SOFR FUTURES (SR3 - CME) Tier 3 vs 10-YEAR T-NOTE (21 - CME) All Months						
Spread Credit Rate	Decrease	+5:-2	70%	70%	60%	60%
METALS - Inter-commodity Spread Rates						
BLOOMBERG COMMODITY INDEX FUTURE (70 - CME) vs COMEX COPPER FUTURE (CX-HG - CME)						
Spread Credit Rate	Increase	+10:-1	60%	60%	70%	70%