



23-238

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, August 10, 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.

The rates will be effective after the close of business on

Friday, August 11, 2023.

Current rates as of:

Thursday, August 10, 2023.

In this current advisory there are changes to the Short Option Minimum and/or the Volatility Scan Range. Below are descriptions of what each change affects:

The Short Option Minimum (SOM) is a charge that is applied only to portfolios concentrated in short options that do not generate a minimum margin requirement level when margins are calculated using the normal 16 SPAN scenarios. The SOM charge per short calls or short puts is a percentage of the outright margin on one underlying futures contract.

The volatility scan range is the change in implied volatility that is used in each of SPAN's 16 scenarios.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CRUDE OIL - Outright Rates								
DUBAI CRUDE OIL CALENDAR FUT (DC)								
DC	Non-HRP	Mnth1	Increase	USD	6,000	6,000	6,300	6,300
DC	HRP	Mnth1	Increase	USD	6,600	6,000	6,930	6,300
DC	Non-HRP	Mnth 2	Increase	USD	5,800	5,800	6,250	6,250
DC	HRP	Mnth 2	Increase	USD	6,380	5,800	6,875	6,250
DC	Non-HRP	Mnth 3-8	Increase	USD	5,600	5,600	5,750	5,750
DC	HRP	Mnth 3-8	Increase	USD	6,160	5,600	6,325	5,750
DC	Non-HRP	Mnth9+	Increase	USD	4,750	4,750	5,000	5,000
DC	HRP	Mnth9+	Increase	USD	5,225	4,750	5,500	5,000
JAPAN CRUDE COCKTAIL (DETAILED) FUT (JCC)								
JCC	Non-HRP	Mnth1	Increase	USD	6,000	6,000	6,300	6,300
JCC	HRP	Mnth1	Increase	USD	6,600	6,000	6,930	6,300
JCC	Non-HRP	Mnth 2	Increase	USD	5,800	5,800	6,100	6,100
JCC	HRP	Mnth 2	Increase	USD	6,380	5,800	6,710	6,100
JCC	Non-HRP	Mnths 3-4	Increase	USD	5,700	5,700	6,000	6,000
JCC	HRP	Mnths 3-4	Increase	USD	6,270	5,700	6,600	6,000
JAPAN CRUDE COCKTAIL (DETL) YEN FUT (JCY)								
JCY	Non-HRP	Mnth1	Increase	JPY	775,000	775,000	820,000	820,000
JCY	HRP	Mnth1	Increase	JPY	852,500	775,000	902,000	820,000
JCY	Non-HRP	Mnth 2	Increase	JPY	760,000	760,000	800,000	800,000
JCY	HRP	Mnth 2	Increase	JPY	836,000	760,000	880,000	800,000
JCY	Non-HRP	Mnths 3-4	Increase	JPY	750,000	750,000	780,000	780,000
JCY	HRP	Mnths 3-4	Increase	JPY	825,000	750,000	858,000	780,000
MINI DUBAI CRUDE OIL (PLATTS) FUT (DBL)								
DBL	Non-HRP	Mnth1	Increase	USD	600	600	630	630
DBL	HRP	Mnth1	Increase	USD	660	600	693	630
DBL	Non-HRP	Mnth 2	Increase	USD	580	580	625	625
DBL	HRP	Mnth 2	Increase	USD	638	580	688	625
DBL	Non-HRP	Mnth 3-8	Increase	USD	560	560	575	575
DBL	HRP	Mnth 3-8	Increase	USD	616	560	633	575
DBL	Non-HRP	Mnth9+	Increase	USD	475	475	500	500
DBL	HRP	Mnth9+	Increase	USD	523	475	550	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Outright Rates

ELECTRICITY - Outright Rates

GERMAN POWER BASELOAD CAL MONTH FUT (DEB)

DEB	Non-HRP	Mnth 2	Increase	EUR	20,000	20,000	23,000	23,000
DEB	HRP	Mnth 2	Increase	EUR	22,000	20,000	25,300	23,000
DEB	Non-HRP	Mnth 3	Increase	EUR	22,000	22,000	25,000	25,000
DEB	HRP	Mnth 3	Increase	EUR	24,200	22,000	27,500	25,000
DEB	Non-HRP	Mnth 4-7	Increase	EUR	26,000	26,000	29,000	29,000
DEB	HRP	Mnth 4-7	Increase	EUR	28,600	26,000	31,900	29,000

ITALIAN POWER BASELOAD GME CAL FUT (ITB)

ITB	Non-HRP	Mnth 2	Increase	EUR	24,000	24,000	26,000	26,000
ITB	HRP	Mnth 2	Increase	EUR	26,400	24,000	28,600	26,000
ITB	Non-HRP	Mnth 3	Increase	EUR	26,000	26,000	28,000	28,000
ITB	HRP	Mnth 3	Increase	EUR	28,600	26,000	30,800	28,000
ITB	Non-HRP	Mnths 4-7	Increase	EUR	29,000	29,000	32,000	32,000
ITB	HRP	Mnths 4-7	Increase	EUR	31,900	29,000	35,200	32,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
INTEREST RATES - Outright Rates								
30-YEAR 2.0% COUPON UMBS TBA FUT (20U)								
20U	Non-HRP		Decrease	USD	2,900	2,900	2,400	2,400
20U	HRP		Decrease	USD	3,190	2,900	2,640	2,400
30-YEAR 2.5% COUPON UMBS TBA FUT (25U)								
25U	Non-HRP		Decrease	USD	2,800	2,800	2,300	2,300
25U	HRP		Decrease	USD	3,080	2,800	2,530	2,300
30-YEAR 3.0% COUPON UMBS TBA FUT (30U)								
30U	Non-HRP		Decrease	USD	2,800	2,800	2,300	2,300
30U	HRP		Decrease	USD	3,080	2,800	2,530	2,300
30-YEAR 3.5% COUPON UMBS TBA FUT (35U)								
35U	Non-HRP		Decrease	USD	2,900	2,900	2,400	2,400
35U	HRP		Decrease	USD	3,190	2,900	2,640	2,400
30-YEAR 4.0% COUPON UMBS TBA FUT (40U)								
40U	Non-HRP		Decrease	USD	2,800	2,800	2,500	2,500
40U	HRP		Decrease	USD	3,080	2,800	2,750	2,500
30-YEAR 4.5% COUPON UMBS TBA FUT (45U)								
45U	Non-HRP		Decrease	USD	2,600	2,600	2,300	2,300
45U	HRP		Decrease	USD	2,860	2,600	2,530	2,300
30-YEAR 5.0% COUPON UMBS TBA FUT (50U)								
50U	Non-HRP		Decrease	USD	2,600	2,600	2,200	2,200
50U	HRP		Decrease	USD	2,860	2,600	2,420	2,200
30-YEAR 5.5% COUPON UMBS TBA FUT (55U)								
55U	Non-HRP		Decrease	USD	2,600	2,600	2,200	2,200
55U	HRP		Decrease	USD	2,860	2,600	2,420	2,200
30-YEAR 6.0% COUPON UMBS TBA FUT (60U)								
60U	Non-HRP		Decrease	USD	2,600	2,600	2,200	2,200
60U	HRP		Decrease	USD	2,860	2,600	2,420	2,200
30-YEAR 6.5% COUPON UMBS TBA (65U)								
65U	Non-HRP		Decrease	USD	2,600	2,600	2,200	2,200
65U	HRP		Decrease	USD	2,860	2,600	2,420	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NATURAL GAS - Outright Rates								
DUTCH TTF NAT GAS FIN M-1 AVG PRC (TTB)								
TTB	Non-HRP	Mnth 1	Increase	USD	31,000	31,000	33,000	33,000
TTB	HRP	Mnth 1	Increase	USD	34,100	31,000	36,300	33,000
TTB	Non-HRP	Mnths 2	Increase	USD	32,000	32,000	34,000	34,000
TTB	HRP	Mnths 2	Increase	USD	35,200	32,000	37,400	34,000
DUTCH TTF NATURAL GAS (USD/MMBTU) (TFU)								
TFU	Non-HRP	Mnth 1	Increase	USD	31,000	31,000	33,000	33,000
TFU	HRP	Mnth 1	Increase	USD	34,100	31,000	36,300	33,000
TFU	Non-HRP	Mnth 2	Increase	USD	32,000	32,000	34,000	34,000
TFU	HRP	Mnth 2	Increase	USD	35,200	32,000	37,400	34,000
DUTCH TTF NATURAL GAS CAL MONTH FUT (TTF)								
TTF	Non-HRP	Mnth 1	Increase	EUR	7,000	7,000	7,400	7,400
TTF	HRP	Mnth 1	Increase	EUR	7,700	7,000	8,140	7,400
TTF	Non-HRP	Mnth 2	Increase	EUR	7,250	7,250	7,500	7,500
TTF	HRP	Mnth 2	Increase	EUR	7,975	7,250	8,250	7,500
DUTCH TTF NATURAL GAS FIN CAL M (TTG)								
TTG	Non-HRP	Mnth 1	Increase	EUR	7,000	7,000	7,400	7,400
TTG	HRP	Mnth 1	Increase	EUR	7,700	7,000	8,140	7,400
TTG	Non-HRP	Mnth 2	Increase	EUR	7,250	7,250	7,500	7,500
TTG	HRP	Mnth 2	Increase	EUR	7,975	7,250	8,250	7,500
DUTCH TTF NATURAL GAS FIN DAY AHEAD (TTI)								
TTI	Non-HRP	Mnth 1	Increase	EUR	7,000	7,000	7,400	7,400
TTI	HRP	Mnth 1	Increase	EUR	7,700	7,000	8,140	7,400
TTI	Non-HRP	Mnth 2	Increase	EUR	7,250	7,250	7,500	7,500
TTI	HRP	Mnth 2	Increase	EUR	7,975	7,250	8,250	7,500
DUTCH TTF NATURAL GAS FRONT MTH FUT (TTE)								
TTE	Non-HRP	Mnth 1	Increase	USD	31,000	31,000	33,000	33,000
TTE	HRP	Mnth 1	Increase	USD	34,100	31,000	36,300	33,000
TTE	Non-HRP	Mnths 2	Increase	USD	32,000	32,000	34,000	34,000
TTE	HRP	Mnths 2	Increase	USD	35,200	32,000	37,400	34,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Outright Rates

UK NBP NAT GAS CAL MTH FUT (UKG)

UKG	Non-HRP	Mnth 1	Increase	GBP	7,500	7,500	7,900	7,900
UKG	HRP	Mnth 1	Increase	GBP	8,250	7,500	8,690	7,900
UKG	Non-HRP	Mnth 2	Increase	GBP	7,750	7,750	8,400	8,400
UKG	HRP	Mnth 2	Increase	GBP	8,525	7,750	9,240	8,400
UKG	Non-HRP	Mnth 3	Increase	GBP	8,250	8,250	8,500	8,500
UKG	HRP	Mnth 3	Increase	GBP	9,075	8,250	9,350	8,500
UKG	Non-HRP	Mnths 4-7	Increase	GBP	9,000	9,000	9,500	9,500
UKG	HRP	Mnths 4-7	Increase	GBP	9,900	9,000	10,450	9,500

UK NBP NATURAL GAS FRONT MTH FUT (NBP)

NBP	Non-HRP	Mnth 1	Increase	USD	30,000	30,000	33,000	33,000
NBP	HRP	Mnth 1	Increase	USD	33,000	30,000	36,300	33,000
NBP	Non-HRP	Mnths 2	Increase	USD	32,000	32,000	37,000	37,000
NBP	HRP	Mnths 2	Increase	USD	35,200	32,000	40,700	37,000
NBP	Non-HRP	Mnths 3	Increase	USD	34,500	34,500	37,500	37,500
NBP	HRP	Mnths 3	Increase	USD	37,950	34,500	41,250	37,500
NBP	Non-HRP	Mnths 4-7	Increase	USD	38,000	38,000	41,000	41,000
NBP	HRP	Mnths 4-7	Increase	USD	41,800	38,000	45,100	41,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Outright Rates

REFINED PRODUCTS - Outright Rates

123 SYNTHET GULF COAST NO.6 FUE (123)

123	Non-HRP	Mnth 1	Increase	USD	550	550	575	575
123	HRP	Mnth 1	Increase	USD	605	550	633	575
123	Non-HRP	Mnths 2-6	Increase	USD	500	500	550	550
123	HRP	Mnths 2-6	Increase	USD	550	500	605	550
123	Non-HRP	Mnths 7-24	Increase	USD	475	475	520	520
123	HRP	Mnths 7-24	Increase	USD	523	475	572	520
123	Non-HRP	Mnths 25+	Increase	USD	400	400	440	440
123	HRP	Mnths 25+	Increase	USD	440	400	484	440

GULF COAST HSFO (PLATTS) FUTURES (MF)

MF	Non-HRP	Mnth 1	Increase	USD	5,500	5,500	5,750	5,750
MF	HRP	Mnth 1	Increase	USD	6,050	5,500	6,325	5,750
MF	Non-HRP	Mnths 2-6	Increase	USD	5,000	5,000	5,500	5,500
MF	HRP	Mnths 2-6	Increase	USD	5,500	5,000	6,050	5,500
MF	Non-HRP	Mnths 7-24	Increase	USD	4,750	4,750	5,200	5,200
MF	HRP	Mnths 7-24	Increase	USD	5,225	4,750	5,720	5,200
MF	Non-HRP	Mnths 25+	Increase	USD	4,000	4,000	4,400	4,400
MF	HRP	Mnths 25+	Increase	USD	4,400	4,000	4,840	4,400

GULF COAST ULSD CALENDAR FUT (LY)

LY	Non-HRP	Mnth 1	Increase	USD	7,000	7,000	7,250	7,250
LY	HRP	Mnth 1	Increase	USD	7,700	7,000	7,975	7,250
LY	Non-HRP	Mnths 2-6	Increase	USD	6,750	6,750	7,100	7,100
LY	HRP	Mnths 2-6	Increase	USD	7,425	6,750	7,810	7,100
LY	Non-HRP	Mnths 7-12	Increase	USD	5,800	5,800	6,200	6,200
LY	HRP	Mnths 7-12	Increase	USD	6,380	5,800	6,820	6,200

SYNT GULF COAST ULSD CALENDAR FU (SLY)

SLY	Non-HRP	Mnth 1	Increase	USD	7,000	7,000	7,250	7,250
SLY	HRP	Mnth 1	Increase	USD	7,700	7,000	7,975	7,250
SLY	Non-HRP	Mnths 2-6	Increase	USD	6,750	6,750	7,100	7,100
SLY	HRP	Mnths 2-6	Increase	USD	7,425	6,750	7,810	7,100
SLY	Non-HRP	Mnths 7-12	Increase	USD	5,800	5,800	6,200	6,200
SLY	HRP	Mnths 7-12	Increase	USD	6,380	5,800	6,820	6,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Outright Rates

SYNTH 111 GULF COAST ULSD CAL FUTUR (111)

111	Non-HRP	Mnth 1	Increase	USD	700	700	725	725
111	HRP	Mnth 1	Increase	USD	770	700	798	725
111	Non-HRP	Mnths 2-6	Increase	USD	675	675	710	710
111	HRP	Mnths 2-6	Increase	USD	743	675	781	710
111	Non-HRP	Mnths 7-12	Increase	USD	580	580	620	620
111	HRP	Mnths 7-12	Increase	USD	638	580	682	620

SYNTHET GULF COAST NO.6 FUEL OIL 3 (SMF)

SMF	Non-HRP	Mnth 1	Increase	USD	5,500	5,500	5,750	5,750
SMF	HRP	Mnth 1	Increase	USD	6,050	5,500	6,325	5,750
SMF	Non-HRP	Mnths 2-6	Increase	USD	5,000	5,000	5,500	5,500
SMF	HRP	Mnths 2-6	Increase	USD	5,500	5,000	6,050	5,500
SMF	Non-HRP	Mnths 7-24	Increase	USD	4,750	4,750	5,200	5,200
SMF	HRP	Mnths 7-24	Increase	USD	5,225	4,750	5,720	5,200
SMF	Non-HRP	Months 25+	Increase	USD	4,000	4,000	4,400	4,400
SMF	HRP	Months 25+	Increase	USD	4,400	4,000	4,840	4,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Intra Spreads

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
CRUDE OIL - Intra Spreads								
Mnth 2 vs 9+ Mnths (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Decrease	USD	4,250	4,250	3,900	3,900
JCC	HRP		Decrease	USD	4,675	4,250	4,290	3,900
Mnth 2 vs Mnths 3-8 (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Decrease	USD	4,200	4,200	3,800	3,800
JCC	HRP		Decrease	USD	4,620	4,200	4,180	3,800
Month 2 vs 3-8 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Non-HRP		Decrease	USD	1,200	1,200	950	950
DC	HRP		Decrease	USD	1,320	1,200	1,045	950
Month 2 vs 3-8 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Non-HRP		Decrease	USD	120	120	95	95
DBL	HRP		Decrease	USD	132	120	105	95
Month 2 vs 9+ (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Non-HRP		Decrease	USD	1,000	1,000	750	750
DC	HRP		Decrease	USD	1,100	1,000	825	750
Month 2 vs 9+ (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Non-HRP		Decrease	USD	100	100	75	75
DBL	HRP		Decrease	USD	110	100	83	75
Months 1 vs 2 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Non-HRP		Decrease	USD	2,900	2,900	2,400	2,400
DC	HRP		Decrease	USD	3,190	2,900	2,640	2,400
Months 1 vs 2 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Non-HRP		Decrease	USD	290	290	240	240
DBL	HRP		Decrease	USD	319	290	264	240
Months 1 vs 3-8 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Non-HRP		Decrease	USD	2,600	2,600	2,100	2,100
DC	HRP		Decrease	USD	2,860	2,600	2,310	2,100
Months 1 vs 3-8 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Non-HRP		Decrease	USD	260	260	210	210
DBL	HRP		Decrease	USD	286	260	231	210
Months 1 vs 9+ (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Non-HRP		Decrease	USD	2,000	2,000	1,500	1,500
DC	HRP		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
Intra Spreads								
Months 1 vs 9+ (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Non-HRP		Decrease	USD	200	200	150	150
DBL	HRP		Decrease	USD	220	200	165	150
Months 3-8 vs 3-8 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Non-HRP		Decrease	USD	1,250	1,250	1,000	1,000
DC	HRP		Decrease	USD	1,375	1,250	1,100	1,000
Months 3-8 vs 3-8 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Non-HRP		Decrease	USD	125	125	100	100
DBL	HRP		Decrease	USD	138	125	110	100
Relperiod - consecutives (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Non-HRP		Decrease	USD	700	700	600	600
DC	HRP		Decrease	USD	770	700	660	600
Relperiod - consecutives (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Non-HRP		Decrease	USD	70	70	60	60
DBL	HRP		Decrease	USD	77	70	66	60
ELECTRICITY - Intra Spreads								
German Power Baseload Calendar month futures - Months 2 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	18,500	18,500	21,500	21,500
DEB	HRP		Increase	EUR	20,350	18,500	23,650	21,500
German Power Baseload Calendar month futures - Months 2 vs 3 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	10,000	10,000	14,000	14,000
DEB	HRP		Increase	EUR	11,000	10,000	15,400	14,000
German Power Baseload Calendar month futures - Months 2 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Increase	EUR	10,500	10,500	14,500	14,500
DEB	HRP		Increase	EUR	11,550	10,500	15,950	14,500

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								
Adjusted Interest Rate S&P 500 Total Return Index Future - All Months (ADJUSTED INT RATE S&P500 TOTAL RET)								
ASR	Non-HRP		Decrease	USD	850	850	650	650
ASR	HRP		Decrease	USD	935	850	715	650
Adjusted Interest Rate S&P 500 Total Return Index Future - All Months (BTIC ON ADJ IR S&P 500 TOTAL RETURN)								
AST	Non-HRP		Decrease	USD	850	850	650	650
AST	HRP		Decrease	USD	935	850	715	650
Dow Jones (CBOT) (11) - Month 1 vs 2 (BTIC ON E-MINI DJIA FUTURES)								
YMT	Non-HRP		Decrease	USD	600	600	520	520
YMT	HRP		Decrease	USD	660	600	572	520
Dow Jones (CBOT) (11) - Month 1 vs 2 (E-MINI DJIA FUTURES MARKER)								
YMI	Non-HRP		Decrease	USD	600	600	520	520
YMI	HRP		Decrease	USD	660	600	572	520
Dow Jones (CBOT) (11) - Month 1 vs 2 (E-MINI DOW JONES IND AVG FUT)								
YM	Non-HRP		Decrease	USD	600	600	520	520
YM	HRP		Decrease	USD	660	600	572	520
Dow Jones (CBOT) (11) - Month 1 vs 2 (MICRO E-MINI DOW JONES AVE FUTURE)								
MYM	Non-HRP		Decrease	USD	60	60	52	52
MYM	HRP		Decrease	USD	66	60	57	52
Dow Jones (CBOT) (11) - Month 1 vs 2 (SYN FUT TMAC ON E-MINI DJIA FUT)								
YM7	Non-HRP		Decrease	USD	600	600	520	520
YM7	HRP		Decrease	USD	660	600	572	520
Dow Jones (CBOT) (11) - Month 1 vs 2 (TMAC ON E-MINI DJIA FUTURE)								
YMX	Non-HRP		Decrease	USD	600	600	520	520
YMX	HRP		Decrease	USD	660	600	572	520
Dow Jones (CBOT) (11) - Month 1 vs 3 (BTIC ON E-MINI DJIA FUTURES)								
YMT	Non-HRP		Decrease	USD	910	910	750	750
YMT	HRP		Decrease	USD	1,001	910	825	750
Dow Jones (CBOT) (11) - Month 1 vs 3 (E-MINI DJIA FUTURES MARKER)								
YMI	Non-HRP		Decrease	USD	910	910	750	750
YMI	HRP		Decrease	USD	1,001	910	825	750
Dow Jones (CBOT) (11) - Month 1 vs 3 (E-MINI DOW JONES IND AVG FUT)								
YM	Non-HRP		Decrease	USD	910	910	750	750
YM	HRP		Decrease	USD	1,001	910	825	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Dow Jones (CBOT) (11) - Month 1 vs 3 (MICRO E-MINI DOW JONES AVE FUTURE)								
MYM	Non-HRP		Decrease	USD	91	91	75	75
MYM	HRP		Decrease	USD	100	91	83	75
Dow Jones (CBOT) (11) - Month 1 vs 3 (SYN FUT TMAC ON E-MINI DJIA FUT)								
YM7	Non-HRP		Decrease	USD	910	910	750	750
YM7	HRP		Decrease	USD	1,001	910	825	750
Dow Jones (CBOT) (11) - Month 1 vs 3 (TMAC ON E-MINI DJIA FUTURE)								
YMX	Non-HRP		Decrease	USD	910	910	750	750
YMX	HRP		Decrease	USD	1,001	910	825	750
Dow Jones (CBOT) (11) - Month 1 vs 4 (BTIC ON E-MINI DJIA FUTURES)								
YMT	Non-HRP		Decrease	USD	1,100	1,100	800	800
YMT	HRP		Decrease	USD	1,210	1,100	880	800
Dow Jones (CBOT) (11) - Month 1 vs 4 (E-MINI DJIA FUTURES MARKER)								
YMI	Non-HRP		Decrease	USD	1,100	1,100	800	800
YMI	HRP		Decrease	USD	1,210	1,100	880	800
Dow Jones (CBOT) (11) - Month 1 vs 4 (E-MINI DOW JONES IND AVG FUT)								
YM	Non-HRP		Decrease	USD	1,100	1,100	800	800
YM	HRP		Decrease	USD	1,210	1,100	880	800
Dow Jones (CBOT) (11) - Month 1 vs 4 (MICRO E-MINI DOW JONES AVE FUTURE)								
MYM	Non-HRP		Decrease	USD	110	110	80	80
MYM	HRP		Decrease	USD	121	110	88	80
Dow Jones (CBOT) (11) - Month 1 vs 4 (SYN FUT TMAC ON E-MINI DJIA FUT)								
YM7	Non-HRP		Decrease	USD	1,100	1,100	800	800
YM7	HRP		Decrease	USD	1,210	1,100	880	800
Dow Jones (CBOT) (11) - Month 1 vs 4 (TMAC ON E-MINI DJIA FUTURE)								
YMX	Non-HRP		Decrease	USD	1,100	1,100	800	800
YMX	HRP		Decrease	USD	1,210	1,100	880	800
EI (FTSE Emerging) all contracts (FTSE EMERGING INDEX FUTURES)								
EI	Non-HRP		Decrease	USD	1,400	1,400	700	700
EI	HRP		Decrease	USD	1,540	1,400	770	700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
E-MINI FTSE 100 INDEX (GBP) FUTURES - All Months (BTIC EMINI FTSE 100 INDEX FUTURE)								
FTT	Non-HRP		Decrease	GBP	900	900	600	600
FTT	HRP		Decrease	GBP	990	900	660	600
E-MINI FTSE 100 INDEX (GBP) FUTURES - All Months (E-MINI FTSE 100 INDEX FUTURES)								
FT1	Non-HRP		Decrease	GBP	900	900	600	600
FT1	HRP		Decrease	GBP	990	900	660	600
E-MINI FTSE 100 INDEX (GBP) FUTURES - All Months (EMINI FTSE 100 VALUE SYN MARKER)								
FTI	Non-HRP		Decrease	GBP	900	900	600	600
FTI	HRP		Decrease	GBP	990	900	660	600
E-MINI FTSE CHINA 50 INDEX FUTURES - All Months (BTIC EMINI FTSE CHINA 50 INDEX)								
FTC	Non-HRP		Decrease	USD	800	800	500	500
FTC	HRP		Decrease	USD	880	800	550	500
E-MINI FTSE CHINA 50 INDEX FUTURES - All Months (EMINI FTSE CHINA 50 INDEX FUTURE)								
FT5	Non-HRP		Decrease	USD	800	800	500	500
FT5	HRP		Decrease	USD	880	800	550	500
E-MINI FTSE CHINA 50 INDEX FUTURES - All Months (EMINI FTSE CHINA50 INDEX SYN MARKER)								
FTY	Non-HRP		Decrease	USD	800	800	500	500
FTY	HRP		Decrease	USD	880	800	550	500
E-MINI RUSSELL 1000 GROWTH INDEX FUTURES - All Months (BTIC EMINI RUSSELL 1000 GROWTH FUT)								
RGT	Non-HRP		Decrease	USD	1,500	1,500	750	750
RGT	HRP		Decrease	USD	1,650	1,500	825	750
E-MINI RUSSELL 1000 GROWTH INDEX FUTURES - All Months (EMINI RUSSELL 1000 GROWTH FUT)								
RSG	Non-HRP		Decrease	USD	1,500	1,500	750	750
RSG	HRP		Decrease	USD	1,650	1,500	825	750
E-MINI RUSSELL 1000 INDEX FUTURES - All Months (BTIC EMINI RUSSELL1000 INDEX FUT)								
R1T	Non-HRP		Decrease	USD	1,200	1,200	600	600
R1T	HRP		Decrease	USD	1,320	1,200	660	600
E-MINI RUSSELL 1000 INDEX FUTURES - All Months (EMINI RUSSELL 1000 INDEX FUTURES)								
RS1	Non-HRP		Decrease	USD	1,200	1,200	600	600
RS1	HRP		Decrease	USD	1,320	1,200	660	600
E-MINI RUSSELL 1000 VALUE INDEX FUTURES - All Months (BTIC ON EMINI RUSSELL 1000 VALUE)								
RVT	Non-HRP		Decrease	USD	1,000	1,000	650	650
RVT	HRP		Decrease	USD	1,100	1,000	715	650

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
E-MINI RUSSELL 1000 VALUE INDEX FUTURES - All Months (EMINI RUSSELL 1000 VALUE)								
RSV	Non-HRP		Decrease	USD	1,000	1,000	650	650
RSV	HRP		Decrease	USD	1,100	1,000	715	650
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (BTIC ON EMINI RUSSELL 2000 INDEX FU)								
RLT	Non-HRP		Decrease	USD	300	300	200	200
RLT	HRP		Decrease	USD	330	300	220	200
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (E-MINI RUSSELL 2000 FUTURES TACO MA)								
TQ1	Non-HRP		Decrease	USD	300	300	200	200
TQ1	HRP		Decrease	USD	330	300	220	200
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (EMINI RUSSELL 2000 INDEX FUTURES)								
RTY	Non-HRP		Decrease	USD	300	300	200	200
RTY	HRP		Decrease	USD	330	300	220	200
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (MICRO E-MINI RUSSELL 2000 INDEX FUT)								
M2K	Non-HRP		Decrease	USD	30	30	20	20
M2K	HRP		Decrease	USD	33	30	22	20
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (SYN FUT TMAC ON E-MINI RUSSELL 2000)								
RT7	Non-HRP		Decrease	USD	300	300	200	200
RT7	HRP		Decrease	USD	330	300	220	200
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (TACO ON E-MINI RUSSEL 2000 FUTURES)								
RTQ	Non-HRP		Decrease	USD	300	300	200	200
RTQ	HRP		Decrease	USD	330	300	220	200
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (TMAC ON E-MINI RUSSELL 2000 FUTURE)								
RTX	Non-HRP		Decrease	USD	300	300	200	200
RTX	HRP		Decrease	USD	330	300	220	200
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (BTIC ON EMINI RUSSELL 2000 INDEX FU)								
RLT	Non-HRP		Decrease	USD	600	600	500	500
RLT	HRP		Decrease	USD	660	600	550	500
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (E-MINI RUSSELL 2000 FUTURES TACO MA)								
TQ1	Non-HRP		Decrease	USD	600	600	500	500
TQ1	HRP		Decrease	USD	660	600	550	500
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (EMINI RUSSELL 2000 INDEX FUTURES)								
RTY	Non-HRP		Decrease	USD	600	600	500	500
RTY	HRP		Decrease	USD	660	600	550	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (MICRO E-MINI RUSSELL 2000 INDEX FUT)								
M2K	Non-HRP		Decrease	USD	60	60	50	50
M2K	HRP		Decrease	USD	66	60	55	50
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (SYN FUT TMAC ON E-MINI RUSSELL 2000)								
RT7	Non-HRP		Decrease	USD	600	600	500	500
RT7	HRP		Decrease	USD	660	600	550	500
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (TACO ON E-MINI RUSSEL 2000 FUTURES)								
RTQ	Non-HRP		Decrease	USD	600	600	500	500
RTQ	HRP		Decrease	USD	660	600	550	500
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (TMAC ON E-MINI RUSSELL 2000 FUTURE)								
RTX	Non-HRP		Decrease	USD	600	600	500	500
RTX	HRP		Decrease	USD	660	600	550	500
E-MINI RUSSELL 2000 GROWTH INDEX FUTURES - All Months (BTIC ON EMINI RUSSELL 2000 GROWTH I)								
2GT	Non-HRP		Increase	USD	170	170	220	220
2GT	HRP		Increase	USD	187	170	242	220
E-MINI RUSSELL 2000 GROWTH INDEX FUTURES - All Months (EMINI RUSSELL 2000 GROWTH INDEX FUT)								
R2G	Non-HRP		Increase	USD	170	170	220	220
R2G	HRP		Increase	USD	187	170	242	220
E-MINI RUSSELL 2000 GROWTH INDEX FUTURES - All Months (EMINI RUSSELL 2000 GROWTH MARKER)								
2GI	Non-HRP		Increase	USD	170	170	220	220
2GI	HRP		Increase	USD	187	170	242	220
E-MINI USD DENOMINATED FTSE 100 INDEX FUTURES - All Months (BTIC EMINI USD FTSE 100 INDEX FUT)								
FTB	Non-HRP		Decrease	USD	600	600	400	400
FTB	HRP		Decrease	USD	660	600	440	400
E-MINI USD DENOMINATED FTSE 100 INDEX FUTURES - All Months (EMINI USD FTSE 100 INDEX FUTURE)								
FTU	Non-HRP		Decrease	USD	600	600	400	400
FTU	HRP		Decrease	USD	660	600	440	400
E-MINI USD DENOMINATED FTSE 100 INDEX FUTURES - All Months (EMINI USD FTSE100 VALUE SYN MARKER)								
FTZ	Non-HRP		Decrease	USD	600	600	400	400
FTZ	HRP		Decrease	USD	660	600	440	400
Nasdaq-100 Index (ND) - Month 1 vs 2 (BTIC ON E-MINI NASDAQ-100 FUTURES)								
NQT	Non-HRP		Decrease	USD	850	850	500	500
NQT	HRP		Decrease	USD	935	850	550	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Nasdaq-100 Index (ND) - Month 1 vs 2 (E-MINI NASDAQ 100 FUTURES)								
NQ	Non-HRP		Decrease	USD	850	850	500	500
NQ	HRP		Decrease	USD	935	850	550	500
Nasdaq-100 Index (ND) - Month 1 vs 2 (E-MINI NASDAQ-100 FUT TACO MARKER)								
QQ1	Non-HRP		Decrease	USD	850	850	500	500
QQ1	HRP		Decrease	USD	935	850	550	500
Nasdaq-100 Index (ND) - Month 1 vs 2 (E-MINI NASDAQ-100 FUTURES MARKER)								
NQI	Non-HRP		Decrease	USD	850	850	500	500
NQI	HRP		Decrease	USD	935	850	550	500
Nasdaq-100 Index (ND) - Month 1 vs 2 (MICRO E-MINI NASDAQ 100 FUTURE)								
MNQ	Non-HRP		Decrease	USD	85	85	50	50
MNQ	HRP		Decrease	USD	94	85	55	50
Nasdaq-100 Index (ND) - Month 1 vs 2 (SYN FUT TMAC ON E-MINI NASDAQ FUT)								
NQ7	Non-HRP		Decrease	USD	850	850	500	500
NQ7	HRP		Decrease	USD	935	850	550	500
Nasdaq-100 Index (ND) - Month 1 vs 2 (TACO ON E-MINI NASDAQ-100 FUTURES)								
NQQ	Non-HRP		Decrease	USD	850	850	500	500
NQQ	HRP		Decrease	USD	935	850	550	500
Nasdaq-100 Index (ND) - Month 1 vs 2 (TMAC ON E-MINI NASDAQ-100 FUTURE)								
NQX	Non-HRP		Decrease	USD	850	850	500	500
NQX	HRP		Decrease	USD	935	850	550	500
Nasdaq-100 Index (ND) - Month 1 vs 3 (BTIC ON E-MINI NASDAQ-100 FUTURES)								
NQT	Non-HRP		Decrease	USD	850	850	600	600
NQT	HRP		Decrease	USD	935	850	660	600
Nasdaq-100 Index (ND) - Month 1 vs 3 (E-MINI NASDAQ 100 FUTURES)								
NQ	Non-HRP		Decrease	USD	850	850	600	600
NQ	HRP		Decrease	USD	935	850	660	600
Nasdaq-100 Index (ND) - Month 1 vs 3 (E-MINI NASDAQ-100 FUT TACO MARKER)								
QQ1	Non-HRP		Decrease	USD	850	850	600	600
QQ1	HRP		Decrease	USD	935	850	660	600
Nasdaq-100 Index (ND) - Month 1 vs 3 (E-MINI NASDAQ-100 FUTURES MARKER)								
NQI	Non-HRP		Decrease	USD	850	850	600	600
NQI	HRP		Decrease	USD	935	850	660	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Nasdaq-100 Index (ND) - Month 1 vs 3 (MICRO E-MINI NASDAQ 100 FUTURE)								
MNQ	Non-HRP		Decrease	USD	85	85	60	60
MNQ	HRP		Decrease	USD	94	85	66	60
Nasdaq-100 Index (ND) - Month 1 vs 3 (SYN FUT TMAC ON E-MINI NASDAQ FUT)								
NQ7	Non-HRP		Decrease	USD	850	850	600	600
NQ7	HRP		Decrease	USD	935	850	660	600
Nasdaq-100 Index (ND) - Month 1 vs 3 (TACO ON E-MINI NASDAQ-100 FUTURES)								
NQQ	Non-HRP		Decrease	USD	850	850	600	600
NQQ	HRP		Decrease	USD	935	850	660	600
Nasdaq-100 Index (ND) - Month 1 vs 3 (TMAC ON E-MINI NASDAQ-100 FUTURE)								
NQX	Non-HRP		Decrease	USD	850	850	600	600
NQX	HRP		Decrease	USD	935	850	660	600
Nasdaq-100 Index (ND) - Month 3 vs 4 (BTIC ON E-MINI NASDAQ-100 FUTURES)								
NQT	Non-HRP		Increase	USD	800	800	1,100	1,100
NQT	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Month 3 vs 4 (E-MINI NASDAQ 100 FUTURES)								
NQ	Non-HRP		Increase	USD	800	800	1,100	1,100
NQ	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Month 3 vs 4 (E-MINI NASDAQ-100 FUT TACO MARKER)								
QQ1	Non-HRP		Increase	USD	800	800	1,100	1,100
QQ1	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Month 3 vs 4 (E-MINI NASDAQ-100 FUTURES MARKER)								
NQI	Non-HRP		Increase	USD	800	800	1,100	1,100
NQI	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Month 3 vs 4 (MICRO E-MINI NASDAQ 100 FUTURE)								
MNQ	Non-HRP		Increase	USD	80	80	110	110
MNQ	HRP		Increase	USD	88	80	121	110
Nasdaq-100 Index (ND) - Month 3 vs 4 (SYN FUT TMAC ON E-MINI NASDAQ FUT)								
NQ7	Non-HRP		Increase	USD	800	800	1,100	1,100
NQ7	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Month 3 vs 4 (TACO ON E-MINI NASDAQ-100 FUTURES)								
NQQ	Non-HRP		Increase	USD	800	800	1,100	1,100
NQQ	HRP		Increase	USD	880	800	1,210	1,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Nasdaq-100 Index (ND) - Month 3 vs 4 (TMAC ON E-MINI NASDAQ-100 FUTURE)								
NQX	Non-HRP		Increase	USD	800	800	1,100	1,100
NQX	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Months 2 vs 4 (BTIC ON E-MINI NASDAQ-100 FUTURES)								
NQT	Non-HRP		Increase	USD	800	800	1,100	1,100
NQT	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Months 2 vs 4 (E-MINI NASDAQ 100 FUTURES)								
NQ	Non-HRP		Increase	USD	800	800	1,100	1,100
NQ	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Months 2 vs 4 (E-MINI NASDAQ-100 FUT TACO MARKER)								
QQ1	Non-HRP		Increase	USD	800	800	1,100	1,100
QQ1	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Months 2 vs 4 (E-MINI NASDAQ-100 FUTURES MARKER)								
NQI	Non-HRP		Increase	USD	800	800	1,100	1,100
NQI	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Months 2 vs 4 (MICRO E-MINI NASDAQ 100 FUTURE)								
MNQ	Non-HRP		Increase	USD	80	80	110	110
MNQ	HRP		Increase	USD	88	80	121	110
Nasdaq-100 Index (ND) - Months 2 vs 4 (SYN FUT TMAC ON E-MINI NASDAQ FUT)								
NQ7	Non-HRP		Increase	USD	800	800	1,100	1,100
NQ7	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Months 2 vs 4 (TACO ON E-MINI NASDAQ-100 FUTURES)								
NQQ	Non-HRP		Increase	USD	800	800	1,100	1,100
NQQ	HRP		Increase	USD	880	800	1,210	1,100
Nasdaq-100 Index (ND) - Months 2 vs 4 (TMAC ON E-MINI NASDAQ-100 FUTURE)								
NQX	Non-HRP		Increase	USD	800	800	1,100	1,100
NQX	HRP		Increase	USD	880	800	1,210	1,100
Russell 2000 Adjusted Interest Rate Future - All Months (ADJ INT RATE RUSS 2000 TOT RET MKR)								
A2M	Non-HRP		Decrease	USD	390	390	250	250
A2M	HRP		Decrease	USD	429	390	275	250
Russell 2000 Adjusted Interest Rate Future - All Months (ADJ INT RATE RUSS 2000 TOT RET)								
A2R	Non-HRP		Decrease	USD	390	390	250	250
A2R	HRP		Decrease	USD	429	390	275	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Russell 2000 Adjusted Interest Rate Future - All Months (BTIC ADJ INT RATE RUSS 2000 TOT RET)								
A2T	Non-HRP		Decrease	USD	390	390	250	250
A2T	HRP		Decrease	USD	429	390	275	250
S&P 500 Stock Index - Month 1 vs 2 (BTIC ON E-MINI S&P 500 FUTURES)								
EST	Non-HRP		Decrease	USD	370	370	250	250
EST	HRP		Decrease	USD	407	370	275	250
S&P 500 Stock Index - Month 1 vs 2 (E-MINI S&P 500 FUTURES MARKER)								
ESI	Non-HRP		Decrease	USD	370	370	250	250
ESI	HRP		Decrease	USD	407	370	275	250
S&P 500 Stock Index - Month 1 vs 2 (E-MINI S&P 500 FUTURES)								
ES	Non-HRP		Decrease	USD	370	370	250	250
ES	HRP		Decrease	USD	407	370	275	250
S&P 500 Stock Index - Month 1 vs 2 (MICRO E-MINI S&P 500 FUTURES)								
MES	Non-HRP		Decrease	USD	37	37	25	25
MES	HRP		Decrease	USD	41	37	28	25
S&P 500 Stock Index - Month 1 vs 2 (SYN FUT TMAC ON E-MINI S&P 500 FUT)								
ES7	Non-HRP		Decrease	USD	370	370	250	250
ES7	HRP		Decrease	USD	407	370	275	250
S&P 500 Stock Index - Month 1 vs 2 (TACO ON E-MINI S&P 500 FUTURES)								
ESQ	Non-HRP		Decrease	USD	370	370	250	250
ESQ	HRP		Decrease	USD	407	370	275	250
S&P 500 Stock Index - Month 1 vs 2 (TMAC ON E-MINI S&P 500 FUTURE)								
ESX	Non-HRP		Decrease	USD	370	370	250	250
ESX	HRP		Decrease	USD	407	370	275	250
S&P 500 Stock Index - Month 1 vs 3 (BTIC ON E-MINI S&P 500 FUTURES)								
EST	Non-HRP		Decrease	USD	550	550	450	450
EST	HRP		Decrease	USD	605	550	495	450
S&P 500 Stock Index - Month 1 vs 3 (E-MINI S&P 500 FUTURES MARKER)								
ESI	Non-HRP		Decrease	USD	550	550	450	450
ESI	HRP		Decrease	USD	605	550	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 500 Stock Index - Month 1 vs 3 (E-MINI S&P 500 FUTURES)								
ES	Non-HRP		Decrease	USD	550	550	450	450
ES	HRP		Decrease	USD	605	550	495	450
S&P 500 Stock Index - Month 1 vs 3 (MICRO E-MINI S&P 500 FUTURES)								
MES	Non-HRP		Decrease	USD	55	55	45	45
MES	HRP		Decrease	USD	61	55	50	45
S&P 500 Stock Index - Month 1 vs 3 (SYN FUT TMAC ON E-MINI S&P 500 FUT)								
ES7	Non-HRP		Decrease	USD	550	550	450	450
ES7	HRP		Decrease	USD	605	550	495	450
S&P 500 Stock Index - Month 1 vs 3 (TACO ON E-MINI S&P 500 FUTURES)								
ESQ	Non-HRP		Decrease	USD	550	550	450	450
ESQ	HRP		Decrease	USD	605	550	495	450
S&P 500 Stock Index - Month 1 vs 3 (TMAC ON E-MINI S&P 500 FUTURE)								
ESX	Non-HRP		Decrease	USD	550	550	450	450
ESX	HRP		Decrease	USD	605	550	495	450
S&P 500 Stock Index - Month 1 vs 4 (BTIC ON E-MINI S&P 500 FUTURES)								
EST	Non-HRP		Decrease	USD	1,550	1,550	1,300	1,300
EST	HRP		Decrease	USD	1,705	1,550	1,430	1,300
S&P 500 Stock Index - Month 1 vs 4 (E-MINI S&P 500 FUTURES MARKER)								
ESI	Non-HRP		Decrease	USD	1,550	1,550	1,300	1,300
ESI	HRP		Decrease	USD	1,705	1,550	1,430	1,300
S&P 500 Stock Index - Month 1 vs 4 (E-MINI S&P 500 FUTURES)								
ES	Non-HRP		Decrease	USD	1,550	1,550	1,300	1,300
ES	HRP		Decrease	USD	1,705	1,550	1,430	1,300
S&P 500 Stock Index - Month 1 vs 4 (MICRO E-MINI S&P 500 FUTURES)								
MES	Non-HRP		Decrease	USD	155	155	130	130
MES	HRP		Decrease	USD	171	155	143	130

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
S&P 500 Stock Index - Month 1 vs 4 (SYN FUT TMAC ON E-MINI S&P 500 FUT)								
ES7	Non-HRP		Decrease	USD	1,550	1,550	1,300	1,300
ES7	HRP		Decrease	USD	1,705	1,550	1,430	1,300
S&P 500 Stock Index - Month 1 vs 4 (TACO ON E-MINI S&P 500 FUTURES)								
ESQ	Non-HRP		Decrease	USD	1,550	1,550	1,300	1,300
ESQ	HRP		Decrease	USD	1,705	1,550	1,430	1,300
S&P 500 Stock Index - Month 1 vs 4 (TMAC ON E-MINI S&P 500 FUTURE)								
ESX	Non-HRP		Decrease	USD	1,550	1,550	1,300	1,300
ESX	HRP		Decrease	USD	1,705	1,550	1,430	1,300
S&P 500 Stock Index - Month 1 vs 9+ (BTIC ON E-MINI S&P 500 FUTURES)								
EST	Non-HRP		Increase	USD	1,600	1,600	2,000	2,000
EST	HRP		Increase	USD	1,760	1,600	2,200	2,000
S&P 500 Stock Index - Month 1 vs 9+ (E-MINI S&P 500 FUTURES MARKER)								
ESI	Non-HRP		Increase	USD	1,600	1,600	2,000	2,000
ESI	HRP		Increase	USD	1,760	1,600	2,200	2,000
S&P 500 Stock Index - Month 1 vs 9+ (E-MINI S&P 500 FUTURES)								
ES	Non-HRP		Increase	USD	1,600	1,600	2,000	2,000
ES	HRP		Increase	USD	1,760	1,600	2,200	2,000
S&P 500 Stock Index - Month 1 vs 9+ (MICRO E-MINI S&P 500 FUTURES)								
MES	Non-HRP		Increase	USD	160	160	200	200
MES	HRP		Increase	USD	176	160	220	200
S&P 500 Stock Index - Month 1 vs 9+ (SYN FUT TMAC ON E-MINI S&P 500 FUT)								
ES7	Non-HRP		Increase	USD	1,600	1,600	2,000	2,000
ES7	HRP		Increase	USD	1,760	1,600	2,200	2,000
S&P 500 Stock Index - Month 1 vs 9+ (TACO ON E-MINI S&P 500 FUTURES)								
ESQ	Non-HRP		Increase	USD	1,600	1,600	2,000	2,000
ESQ	HRP		Increase	USD	1,760	1,600	2,200	2,000
S&P 500 Stock Index - Month 1 vs 9+ (TMAC ON E-MINI S&P 500 FUTURE)								
ESX	Non-HRP		Increase	USD	1,600	1,600	2,000	2,000
ESX	HRP		Increase	USD	1,760	1,600	2,200	2,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Yen-based Nikkei (N1) - All Months (BTIC ON YEN DENOMINATED NIKKEI FUT)								
NIT	Non-HRP		Decrease	JPY	100,000	100,000	75,000	75,000
NIT	HRP		Decrease	JPY	110,000	100,000	82,500	75,000
Yen-based Nikkei (N1) - All Months (E-MINI NIKKEI 225 YEN DENOMINATED)								
ENY	Non-HRP		Decrease	JPY	20,000	20,000	15,000	15,000
ENY	HRP		Decrease	JPY	22,000	20,000	16,500	15,000
Yen-based Nikkei (N1) - All Months (NIKKEI 225 YEN FUT)								
N1	Non-HRP		Decrease	JPY	100,000	100,000	75,000	75,000
N1	HRP		Decrease	JPY	110,000	100,000	82,500	75,000
Yen-based Nikkei (N1) - All Months (YEN DENOMINATED NIKKEI MARKER)								
NIM	Non-HRP		Decrease	JPY	100,000	100,000	75,000	75,000
NIM	HRP		Decrease	JPY	110,000	100,000	82,500	75,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
NATURAL GAS - Intra Spreads								
(DUTCH TTF NAT GAS FIN M-1 AVG PRC)								
TTB	Non-HRP		Increase	USD	12,000	12,000	18,000	18,000
TTB	HRP		Increase	USD	13,200	12,000	19,800	18,000
(DUTCH TTF NATURAL GAS (USD/MMBTU))								
TFU	Non-HRP		Increase	USD	12,000	12,000	18,000	18,000
TFU	HRP		Increase	USD	13,200	12,000	19,800	18,000
(DUTCH TTF NATURAL GAS FIN CAL M)								
TTG	Non-HRP		Increase	EUR	2,000	2,000	2,600	2,600
TTG	Non-HRP		Increase	EUR	3,000	3,000	3,400	3,400
TTG	Non-HRP		Increase	EUR	3,250	3,250	3,500	3,500
TTG	Non-HRP		New	EUR			3,550	3,550
TTG	Non-HRP		Increase	EUR	5,750	5,750	6,100	6,100
TTG	Non-HRP		Increase	EUR	5,800	5,800	6,400	6,400
TTG	HRP		Increase	EUR	2,200	2,000	2,860	2,600
TTG	HRP		Increase	EUR	3,300	3,000	3,740	3,400
TTG	HRP		Increase	EUR	3,575	3,250	3,850	3,500
TTG	HRP		New	EUR			3,905	3,550
TTG	HRP		Increase	EUR	6,325	5,750	6,710	6,100
TTG	HRP		Increase	EUR	6,380	5,800	7,040	6,400
(DUTCH TTF NATURAL GAS FIN DAY AHEAD)								
TTI	Non-HRP		Increase	EUR	2,000	2,000	2,600	2,600
TTI	Non-HRP		Increase	EUR	3,000	3,000	3,400	3,400
TTI	Non-HRP		Increase	EUR	3,250	3,250	3,500	3,500
TTI	Non-HRP		New	EUR			3,550	3,550
TTI	Non-HRP		Increase	EUR	5,750	5,750	6,100	6,100
TTI	Non-HRP		Increase	EUR	5,800	5,800	6,400	6,400
TTI	HRP		Increase	EUR	2,200	2,000	2,860	2,600
TTI	HRP		Increase	EUR	3,300	3,000	3,740	3,400
TTI	HRP		Increase	EUR	3,575	3,250	3,850	3,500
TTI	HRP		New	EUR			3,905	3,550
TTI	HRP		Increase	EUR	6,325	5,750	6,710	6,100
TTI	HRP		Increase	EUR	6,380	5,800	7,040	6,400
(HENRY HUB TTF NAT GAS SPREAD FUTURE)								
NYP	Non-HRP		Increase	USD	4,250	4,250	6,800	6,800
NYP	HRP		Increase	USD	4,675	4,250	7,480	6,800
THD	Non-HRP		Increase	USD	3,800	3,800	6,250	6,250
THD	HRP		Increase	USD	4,180	3,800	6,875	6,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	5,800	5,800	6,400	6,400
TTF	HRP		Increase	EUR	6,380	5,800	7,040	6,400
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 3 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	2,000	2,000	2,600	2,600
TTF	HRP		Increase	EUR	2,200	2,000	2,860	2,600
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	3,000	3,000	3,400	3,400
TTF	HRP		Increase	EUR	3,300	3,000	3,740	3,400
Dutch TTF Natural Gas Calendar Month Futures - Month 2 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	5,750	5,750	6,100	6,100
TTF	HRP		Increase	EUR	6,325	5,750	6,710	6,100
Dutch TTF Natural Gas Calendar Month Futures - Month 2 vs 3 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	3,250	3,250	3,500	3,500
TTF	HRP		Increase	EUR	3,575	3,250	3,850	3,500
Dutch TTF Natural Gas Calendar Month Futures - Month 2 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	Non-HRP		Increase	EUR	3,250	3,250	3,550	3,550
TTF	HRP		Increase	EUR	3,575	3,250	3,905	3,550
NBP Intras 1 vs 2+ (UK NBP NATURAL GAS FRONT MTH FUT)								
NBP	Non-HRP		Increase	USD	15,000	15,000	21,000	21,000
NBP	HRP		Increase	USD	16,500	15,000	23,100	21,000
TTE Intras 1vs 2+ (DUTCH TTF NATURAL GAS FRONT MTH FUT)								
TTE	Non-HRP		Increase	USD	12,000	12,000	18,000	18,000
TTE	HRP		Increase	USD	13,200	12,000	19,800	18,000
UK NBP Natural Gas Calendar month futures - Months 1 vs 10+ (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	6,500	6,500	7,150	7,150
UKG	HRP		Increase	GBP	7,150	6,500	7,865	7,150
UK NBP Natural Gas Calendar month futures - Months 1 vs 3 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	3,250	3,250	3,400	3,400
UKG	HRP		Increase	GBP	3,575	3,250	3,740	3,400
UK NBP Natural Gas Calendar month futures - Months 1 vs 4-9 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	3,500	3,500	4,400	4,400
UKG	HRP		Increase	GBP	3,850	3,500	4,840	4,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
UK NBP Natural Gas Calendar month futures - Months 2 vs 3 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	3,000	3,000	3,100	3,100
UKG	HRP		Increase	GBP	3,300	3,000	3,410	3,100
UK NBP Natural Gas Calendar month futures - Months 2 vs 4-9 (UK NBP NAT GAS CAL MTH FUT)								
UKG	Non-HRP		Increase	GBP	3,750	3,750	4,300	4,300
UKG	HRP		Increase	GBP	4,125	3,750	4,730	4,300
REFINED PRODUCTS - Intra Spreads								
Gulf Coast #6 Fuel 3.0% Swap - Month 2-6 vs 12+ (123 SYNTHET GULF COAST NO.6 FUE)								
123	Non-HRP		Decrease	USD	175	175	140	140
123	HRP		Decrease	USD	193	175	154	140
Gulf Coast #6 Fuel 3.0% Swap - Month 2-6 vs 12+ (GULF COAST HSFO (PLATTS) FUTURES)								
MF	Non-HRP		Decrease	USD	1,750	1,750	1,400	1,400
MF	HRP		Decrease	USD	1,925	1,750	1,540	1,400
Gulf Coast #6 Fuel 3.0% Swap - Month 2-6 vs 7-11 (123 SYNTHET GULF COAST NO.6 FUE)								
123	Non-HRP		Decrease	USD	160	160	130	130
123	HRP		Decrease	USD	176	160	143	130
Gulf Coast #6 Fuel 3.0% Swap - Month 2-6 vs 7-11 (GULF COAST HSFO (PLATTS) FUTURES)								
MF	Non-HRP		Decrease	USD	1,600	1,600	1,300	1,300
MF	HRP		Decrease	USD	1,760	1,600	1,430	1,300
Month 2-6 vs 12+ (SYNTHET GULF COAST NO.6 FUEL OIL 3)								
SMF	Non-HRP		Decrease	USD	1,750	1,750	1,400	1,400
SMF	HRP		Decrease	USD	1,925	1,750	1,540	1,400
Month 2-6 vs 7-11 (SYNTHET GULF COAST NO.6 FUEL OIL 3)								
SMF	Non-HRP		Decrease	USD	1,600	1,600	1,300	1,300
SMF	HRP		Decrease	USD	1,760	1,600	1,430	1,300

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

07-1 vs EZ-1

Spread Credit Rate	Decrease	-8:+1	25%	25%	0%	0%
--------------------	----------	-------	-----	-----	----	----

07-2 vs EZ-2

Spread Credit Rate	Decrease	+8:-1	25%	25%	0%	0%
--------------------	----------	-------	-----	-----	----	----

Lean Hogs vs Pork Cutout

Spread Credit Rate	Increase	+1:-1	70%	70%	80%	80%
--------------------	----------	-------	-----	-----	-----	-----

Milk (DA) vs. Butter (DB)

Spread Credit Rate	Decrease	+2:-1	40%	40%	30%	30%
--------------------	----------	-------	-----	-----	-----	-----

Oats (CBOT) (O) vs. Soybean Meal (CBOT) (06)

Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
--------------------	----------	-------	-----	-----	----	----

Oats (CBOT) (O) vs. Soybean Oil (CBOT) (07)

Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
--------------------	----------	-------	-----	-----	----	----

WHEAT (W - CME) vs OATS (O - CME)

Spread Credit Rate	Increase	+1:-5	25%	25%	35%	35%
--------------------	----------	-------	-----	-----	-----	-----

EQUITY INDEX - Inter-commodity Spread Rates

ADJUSTED INTEREST RATE S&P 500 TOTAL RETURN INDEX FUTURE (ASR - CME) vs S&P 500 (SP - CME)

Spread Credit Rate	Increase	+5:-1	85%	85%	90%	90%
--------------------	----------	-------	-----	-----	-----	-----

ETHANOL - Inter-commodity Spread Rates

07-1 vs EZ-1

Spread Credit Rate	Decrease	-8:+1	25%	25%	0%	0%
--------------------	----------	-------	-----	-----	----	----

07-2 vs EZ-2

Spread Credit Rate	Decrease	+8:-1	25%	25%	0%	0%
--------------------	----------	-------	-----	-----	----	----

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
-----------	------------------	--------	-----------------	---------------------	-------------	-----------------

Volatility Scan (volScan) Rate

WEATHER - Volatility Scan (volScan) Rate

PHILADELPHIA MONTHLY HDD (H6, H6, H6, H6) - volScan

Clearing Member Rate	Month 1	New				25.000%
----------------------	---------	-----	--	--	--	---------