



13-447

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, September 26, 2013

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

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

and subscribe to the Performance Bond Rates Advisory Notice listserver.

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

The rates will be effective after the close of business on

Tuesday, October 01, 2013.

Current rates as of:

Thursday, September 26, 2013.

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								
INTEREST RATES - Outright Rates								
30 DAY FED FUND FUTURES (41)								
41	Spec	Month 1	Decrease	USD	176	160	143	130
41	Hedge/Member	Month 1	Decrease	USD	160	160	130	130
41	Spec	Months 2-4	Decrease	USD	220	200	176	160
41	Hedge/Member	Months 2-4	Decrease	USD	200	200	160	160
41	Spec	Months 5-12	Decrease	USD	330	300	275	250
41	Hedge/Member	Months 5-12	Decrease	USD	300	300	250	250
NATURAL GAS - Outright Rates								
CIG BASIS (CI)								
CI	Spec	Mnths 7-12	Increase	USD	110	100	138	125
CI	Hedge/Member	Mnths 7-12	Increase	USD	100	100	125	125
CI	Spec	Mnths 13+	Increase	USD	110	100	138	125
CI	Hedge/Member	Mnths 13+	Increase	USD	100	100	125	125
ONEOK OKLAHOMA NG BASIS (8X)								
8X	Spec	Mnth 1	Increase	USD	220	200	248	225
8X	Hedge/Member	Mnth 1	Increase	USD	200	200	225	225
8X	Spec	Mnths 2+	Increase	USD	193	175	220	200
8X	Hedge/Member	Mnths 2+	Increase	USD	175	175	200	200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
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Intra Spreads

CRUDE OIL SPREADS - Intra Spreads

WTS (Argus) vs. WTI Spread Trade Month Swap - All Months (WTS (ARGUS) V WTI TRD MTH FUT)			
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FH	Spec	Decrease	USD	1,650	1,500	825	750
FH	Hedge/Member	Decrease	USD	1,500	1,500	750	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
INTEREST RATES - Intra Spreads								
10 Year Deliverable Swap Future (N1U) - All Months (10 YEAR USD INTEREST RATE SWAP)								
N1U	Spec		Decrease	USD	220	200	165	150
N1U	Hedge/Member		Decrease	USD	200	200	150	150
2 Year Deliverable Swap Future (T1U) - All Months (2 YEAR USD INT RATE SWAP FUTURES)								
T1U	Spec		Decrease	USD	138	125	110	100
T1U	Hedge/Member		Decrease	USD	125	125	100	100
30 Year Deliverable Swap Future (B1U) - All Months (30 YEAR USD INTEREST RATE SWAP)								
B1U	Spec		Decrease	USD	330	300	220	200
B1U	Hedge/Member		Decrease	USD	300	300	200	200
5 Year Deliverable Swap Future (F1U) - All Months (5 YEAR USD INTEREST RATE SWAP)								
F1U	Spec		Decrease	USD	220	200	165	150
F1U	Hedge/Member		Decrease	USD	200	200	150	150
Eurodollar (ED) - 1 Year Butterfly [Mo. 02] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	138	125	220	200
ED	Hedge/Member		Increase	USD	125	125	200	200
Eurodollar (ED) - 1 Year Butterfly [Mo. 03] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	138	125	220	200
ED	Hedge/Member		Increase	USD	125	125	200	200
Eurodollar (ED) - 1 Year Butterfly [Mo. 04] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	138	125	220	200
ED	Hedge/Member		Increase	USD	125	125	200	200
Eurodollar (ED) - 1 Year Butterfly [Mo. 05] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	220	200
ED	Hedge/Member		Increase	USD	75	75	200	200
Eurodollar (ED) - 1 Year Butterfly [Mo. 06] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	220	200
ED	Hedge/Member		Increase	USD	75	75	200	200
Eurodollar (ED) - 1 Year Butterfly [Mo. 07] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	220	200
ED	Hedge/Member		Increase	USD	75	75	200	200
Eurodollar (ED) - 1 Year Butterfly [Mo. 08] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	220	200
ED	Hedge/Member		Increase	USD	75	75	200	200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - 1 Year Butterfly [Mo. 09] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	138	125	220	200
ED	Hedge/Member		Increase	USD	125	125	200	200
Eurodollar (ED) - 1 Year Butterfly [Mo. 10] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	138	125	220	200
ED	Hedge/Member		Increase	USD	125	125	200	200
Eurodollar (ED) - 1 Year Butterfly [Mo. 11] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	138	125	220	200
ED	Hedge/Member		Increase	USD	125	125	200	200
Eurodollar (ED) - 1 Year Butterfly [Mo. 12] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	138	125	220	200
ED	Hedge/Member		Increase	USD	125	125	200	200
Eurodollar (ED) - 1 Year Butterfly [Mo. 17] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	55	50	110	100
ED	Hedge/Member		Increase	USD	50	50	100	100
Eurodollar (ED) - 1 Year Butterfly [Mo. 18] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	110	100
ED	Hedge/Member		Increase	USD	75	75	100	100
Eurodollar (ED) - 1 Year Butterfly [Mo. 19] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	110	100
ED	Hedge/Member		Increase	USD	75	75	100	100
Eurodollar (ED) - 1 Year Butterfly [Mo. 20] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	110	100
ED	Hedge/Member		Increase	USD	75	75	100	100
Eurodollar (ED) - 1 Year Butterfly [Mo. 21 - Subsequent] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	110	100
ED	Hedge/Member		Increase	USD	75	75	100	100
Eurodollar (ED) - 1 Year Condor [Mo. 02] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	165	150	275	250
ED	Hedge/Member		Increase	USD	150	150	250	250
Eurodollar (ED) - 1 Year Condor [Mo. 03] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	220	200	275	250
ED	Hedge/Member		Increase	USD	200	200	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - 1 Year Condor [Mo. 04] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	220	200	275	250
ED	Hedge/Member		Increase	USD	200	200	250	250
Eurodollar (ED) - 1 Year Condor [Mo. 05] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	220	200	330	300
ED	Hedge/Member		Increase	USD	200	200	300	300
Eurodollar (ED) - 1 Year Condor [Mo. 06] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	220	200	330	300
ED	Hedge/Member		Increase	USD	200	200	300	300
Eurodollar (ED) - 1 Year Condor [Mo. 07] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	220	200	385	350
ED	Hedge/Member		Increase	USD	200	200	350	350
Eurodollar (ED) - 1 Year Condor [Mo. 08] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	220	200	385	350
ED	Hedge/Member		Increase	USD	200	200	350	350
Eurodollar (ED) - 1 Year Condor [Mo. 17] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	165	150
ED	Hedge/Member		Increase	USD	75	75	150	150
Eurodollar (ED) - 1 Year Condor [Mo. 18] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	165	150
ED	Hedge/Member		Increase	USD	75	75	150	150
Eurodollar (ED) - 1 Year Condor [Mo. 19] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	165	150
ED	Hedge/Member		Increase	USD	75	75	150	150
Eurodollar (ED) - 1 Year Condor [Mo. 20] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	138	125
ED	Hedge/Member		Increase	USD	75	75	125	125
Eurodollar (ED) - 1 Year Condor [Mo. 21-Subsequent] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	110	100	138	125
ED	Hedge/Member		Increase	USD	100	100	125	125
Eurodollar (ED) - 3 Month Butterfly [Mo. 01] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	110	100
ED	Hedge/Member		Increase	USD	75	75	100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - 3 Month Butterfly [Mo. 02] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 09] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 10] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 11] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 12] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 13] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 14] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 15] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 16] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Condor [Mo. 01] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	28	25
ED	Hedge/Member		Decrease	USD	75	75	25	25
Eurodollar (ED) - 3 Month Condor [Mo. 05] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	110	100	165	150
ED	Hedge/Member		Increase	USD	100	100	150	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - 3 Month Condor [Mo. 06] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	110	100	165	150
ED	Hedge/Member		Increase	USD	100	100	150	150
Eurodollar (ED) - 3 Month Condor [Mo. 09] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	110	100	165	150
ED	Hedge/Member		Increase	USD	100	100	150	150
Eurodollar (ED) - 3 Month Condor [Mo. 10] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	110	100	165	150
ED	Hedge/Member		Increase	USD	100	100	150	150
Eurodollar (ED) - 3 Month Condor [Mo. 13] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	110	100
ED	Hedge/Member		Increase	USD	75	75	100	100
Eurodollar (ED) - 3 Month Condor [Mo. 14] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	110	100
ED	Hedge/Member		Increase	USD	75	75	100	100
Eurodollar (ED) - 3 Month Condor [Mo. 15] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	28	25
ED	Hedge/Member		Decrease	USD	75	75	25	25
Eurodollar (ED) - 3 Month Condor [Mo. 16] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	28	25
ED	Hedge/Member		Decrease	USD	75	75	25	25
Eurodollar (ED) - 3 Month Condor [Mo. 19] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	83	75
ED	Hedge/Member		Increase	USD	25	25	75	75
Eurodollar (ED) - 3 Month Condor [Mo. 20] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	83	75
ED	Hedge/Member		Increase	USD	25	25	75	75
Eurodollar (ED) - 3 Month Condor [Mo. 22 - Subsequent] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	55	50	83	75
ED	Hedge/Member		Increase	USD	50	50	75	75

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - 3 Month Double Butterfly [Mo.02] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Double Butterfly [Mo.03] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Double Butterfly [Mo.04] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Double Butterfly [Mo.05] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Double Butterfly [Mo.06] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Double Butterfly [Mo.07] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Double Butterfly [Mo.08] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Double Butterfly [Mo.09] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Double Butterfly [Mo.10] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Double Butterfly [Mo.11] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Double Butterfly [Mo.12] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - 3 Month Double Butterfly [Mo.17] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50
Eurodollar (ED) - 3 Month Double Butterfly [Mo.18] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50
Eurodollar (ED) - 3 Month Double Butterfly [Mo.19] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50
Eurodollar (ED) - 3 Month Double Butterfly [Mo.20] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50
Eurodollar (ED) - 6 Month Butterfly [Mo. 03] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	55	50	110	100
ED	Hedge/Member		Increase	USD	50	50	100	100
Eurodollar (ED) - 6 Month Butterfly [Mo. 04] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	55	50	110	100
ED	Hedge/Member		Increase	USD	50	50	100	100
Eurodollar (ED) - 6 Month Butterfly [Mo. 07] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	110	100
ED	Hedge/Member		Increase	USD	25	25	100	100
Eurodollar (ED) - 6 Month Butterfly [Mo. 08] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	110	100
ED	Hedge/Member		Increase	USD	25	25	100	100
Eurodollar (ED) - 6 Month Butterfly [Mo. 09] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	11	10
ED	Hedge/Member		Decrease	USD	75	75	10	10
Eurodollar (ED) - 6 Month Butterfly [Mo. 10] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	55	50	11	10
ED	Hedge/Member		Decrease	USD	50	50	10	10
Eurodollar (ED) - 6 Month Butterfly [Mo. 13] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	110	100	55	50
ED	Hedge/Member		Decrease	USD	100	100	50	50

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - 6 Month Butterfly [Mo. 15] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	55	50	28	25
ED	Hedge/Member		Decrease	USD	50	50	25	25
Eurodollar (ED) - 6 Month Butterfly [Mo. 16] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	55	50	28	25
ED	Hedge/Member		Decrease	USD	50	50	25	25
Eurodollar (ED) - 6 Month Condor [Mo. 03] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	110	100	55	50
ED	Hedge/Member		Decrease	USD	100	100	50	50
Eurodollar (ED) - 6 Month Condor [Mo. 04] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	165	150	220	200
ED	Hedge/Member		Increase	USD	150	150	200	200
Eurodollar (ED) - 6 Month Condor [Mo. 05] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	138	125	83	75
ED	Hedge/Member		Decrease	USD	125	125	75	75
Eurodollar (ED) - 6 Month Condor [Mo. 06] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	165	150	220	200
ED	Hedge/Member		Increase	USD	150	150	200	200
Eurodollar (ED) - 6 Month Condor [Mo. 08] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	165	150	248	225
ED	Hedge/Member		Increase	USD	150	150	225	225
Eurodollar (ED) - 6 Month Condor [Mo. 09] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	138	125	220	200
ED	Hedge/Member		Increase	USD	125	125	200	200
Eurodollar (ED) - 6 Month Condor [Mo. 10] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	193	175	220	200
ED	Hedge/Member		Increase	USD	175	175	200	200
Eurodollar (ED) - 6 Month Condor [Mo. 11] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	138	125	110	100
ED	Hedge/Member		Decrease	USD	125	125	100	100
Eurodollar (ED) - 6 Month Condor [Mo. 12] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	138	125	110	100
ED	Hedge/Member		Decrease	USD	125	125	100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - 6 Month Condor [Mo. 13] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	165	150
ED	Hedge/Member		Increase	USD	75	75	150	150
Eurodollar (ED) - 6 Month Condor [Mo. 14] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	138	125	55	50
ED	Hedge/Member		Decrease	USD	125	125	50	50
Eurodollar (ED) - 6 Month Condor [Mo. 15] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	55	50
ED	Hedge/Member		Decrease	USD	75	75	50	50
Eurodollar (ED) - 6 Month Condor [Mo. 16] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	55	50
ED	Hedge/Member		Decrease	USD	75	75	50	50
Eurodollar (ED) - 6 Month Condor [Mo. 18] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	110	100
ED	Hedge/Member		Increase	USD	25	25	100	100
Eurodollar (ED) - 6 Month Condor [Mo. 19] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	110	100
ED	Hedge/Member		Increase	USD	25	25	100	100
Eurodollar (ED) - 6 Month Condor [Mo. 20] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	110	100
ED	Hedge/Member		Increase	USD	25	25	100	100
Eurodollar (ED) - 6 Month Condor [Mo. 21-Subsequent] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	110	100
ED	Hedge/Member		Increase	USD	75	75	100	100
Eurodollar (ED) - Butterfly [Mo. 02] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	83	75
ED	Hedge/Member		Increase	USD	25	25	75	75
Eurodollar (ED) - Butterfly [Mo. 03] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Butterfly [Mo. 04] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - Butterfly [Mo. 15] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Butterfly [Mo. 16] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Condor [Mo. 01] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	11	10
ED	Hedge/Member		Decrease	USD	75	75	10	10
Eurodollar (ED) - Condor [Mo. 02] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	11	10
ED	Hedge/Member		Decrease	USD	75	75	10	10
Eurodollar (ED) - Condor [Mo. 04] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Condor [Mo. 06] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Condor [Mo. 08] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Condor [Mo. 10] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Condor [Mo. 12] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Condor [Mo. 14] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Condor [Mo. 16] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - Condor [Mo. 18] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50
Eurodollar (ED) - Condor [Mo. 19] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	55	50
ED	Hedge/Member		Decrease	USD	75	75	50	50
Eurodollar (ED) - Consecutive Spread [Mo. 03-04] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	110	100
ED	Hedge/Member		Increase	USD	75	75	100	100
Eurodollar (ED) - Consecutive Spread [Mo. 08-09] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Consecutive Spread [Mo. 11-12] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	83	75	110	100
ED	Hedge/Member		Increase	USD	75	75	100	100
Eurodollar (ED) - Consecutive Spread [Mo. 12-13] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Consecutive Spread [Mos. 13-43] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	55	50	83	75
ED	Hedge/Member		Increase	USD	50	50	75	75
Eurodollar (ED) - Double Butterfly [Mo.18] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50
Eurodollar (ED) - Double Butterfly [Mo.19] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50
Eurodollar (ED) - Double Butterfly [Mos.20] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50
Eurodollar (ED) - Double Butterfly [Mos.21] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	55	50
ED	Hedge/Member		Decrease	USD	75	75	50	50

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - Double Condor (Mo.01) (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Double Condor (Mo.02) (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Double Condor (Mo.03) (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Double Condor (Mo.04) (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Double Condor (Mo.05) (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Double Condor (Mo.06) (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Double Condor (Mo.07) (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Double Condor (Mo.08) (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Double Condor (Mo.09) (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Double Condor (Mo.10) (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Double Condor (Mo.11) (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
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Intra Spreads

Eurodollar (ED) - Double Condor (Mo.12) (EURODOLLAR FUTURES)

ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10

Eurodollar (ED) - Double Condor (Mo.17) (EURODOLLAR FUTURES)

ED	Spec		Increase	USD	28	25	83	75
ED	Hedge/Member		Increase	USD	25	25	75	75

Eurodollar (ED) - Double Condor (Mo.18) (EURODOLLAR FUTURES)

ED	Spec		Increase	USD	28	25	83	75
ED	Hedge/Member		Increase	USD	25	25	75	75

Eurodollar (ED) - Double Condor (Mo.19) (EURODOLLAR FUTURES)

ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50

Eurodollar (ED) - Double Condor (Mo.20) (EURODOLLAR FUTURES)

ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50

Fed Funds (CBOT) (41) - Butterfly [Mos. 1] (30 DAY FED FUND FUTURES)

41	Spec		Decrease	USD	165	150	110	100
41	Hedge/Member		Decrease	USD	150	150	100	100

Fed Funds (CBOT) (41) - Butterfly [Mos. 2] (30 DAY FED FUND FUTURES)

41	Spec		Decrease	USD	165	150	83	75
41	Hedge/Member		Decrease	USD	150	150	75	75

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Fed Funds (CBOT) (41) - Butterfly [Mos. 3] (30 DAY FED FUND FUTURES)								
41	Spec		Decrease	USD	55	50	11	10
41	Hedge/Member		Decrease	USD	50	50	10	10
Fed Funds (CBOT) (41) - Butterfly [Mos. 4] (30 DAY FED FUND FUTURES)								
41	Spec		Decrease	USD	55	50	11	10
41	Hedge/Member		Decrease	USD	50	50	10	10
Fed Funds (CBOT) (41) - Butterfly [Mos. 5-subsequent] (30 DAY FED FUND FUTURES)								
41	Spec		Decrease	USD	110	100	83	75
41	Hedge/Member		Decrease	USD	100	100	75	75
Libor Butterfly: Mos 3,4,5 (ONE MONTH EURODOLLAR FUTURES)								
EM	Spec		Decrease	USD	110	100	55	50
EM	Hedge/Member		Decrease	USD	100	100	50	50
Libor Butterfly: Mos 4,5,6 (ONE MONTH EURODOLLAR FUTURES)								
EM	Spec		Decrease	USD	193	175	55	50
EM	Hedge/Member		Decrease	USD	175	175	50	50
Libor Butterfly: Mos 5,6,7 (ONE MONTH EURODOLLAR FUTURES)								
EM	Spec		Decrease	USD	193	175	83	75
EM	Hedge/Member		Decrease	USD	175	175	75	75
Ultra Long Bond (UBE) - All Months (LONG TERM U.S. TREASURY BOND FUTURE)								
UBE	Spec		Increase	USD	275	250	385	350
UBE	Hedge/Member		Increase	USD	250	250	350	350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
PETROLEUM CRACKS AND SPREADS - Intra Spreads								
3.5% Fuel Oil Rdam Crack Swap Futures - All Months (3.5% F OIL(PLTS) BRGES FOB RDM CRCK)								
BOB	Spec		Decrease	USD	5,239	4,763	4,191	3,810
BOB	Hedge/Member		Decrease	USD	4,763	4,763	3,810	3,810
3.5% Fuel Oil Rdam Crack Swap Futures - All Months (FUEL OIL CRACK VS. ICE)								
FO	Spec		Decrease	USD	825	750	660	600
FO	Hedge/Member		Decrease	USD	750	750	600	600
European Gasoil Crack Spread Swap - All Months (GASOIL CRACK SPREAD CALENDAR FUT)								
GZ	Spec		Decrease	USD	715	650	550	500
GZ	Hedge/Member		Decrease	USD	650	650	500	500
European Gasoil Crack Spread Swap - All Months (GASOIL(ICE) CRACK SPREAD 1000MT FUT)								
GOC	Spec		Decrease	USD	5,327	4,843	4,098	3,725
GOC	Hedge/Member		Decrease	USD	4,843	4,843	3,725	3,725
European Naphtha Crack Spread - All Months (EUROPEAN NAPHTHA CRACK SPREAD FUT)								
EN	Spec		Decrease	USD	1,100	1,000	880	800
EN	Hedge/Member		Decrease	USD	1,000	1,000	800	800
European Naphtha Crack Spread - All Months (NAPHTHA (PLTS) CARGES CIF NWE CRACK)								
NOB	Spec		Decrease	USD	9,790	8,900	7,832	7,120
NOB	Hedge/Member		Decrease	USD	8,900	8,900	7,120	7,120
FAME 0 BIODIESEL (ARGUS) FOB ROTTERDAM (RED COMPLIANT) VS> ICE GASOIL SPREAD SWAP FUTURE - ALL MONTHS (FAME BIO ARGUS RDM RED VS ICE GAS)								
FBT	Spec		Increase	USD	1,760	1,600	2,420	2,200
FBT	Hedge/Member		Increase	USD	1,600	1,600	2,200	2,200
GROUP THREE ULSD (PLATTS) VS. HEATING OIL SPREAD S - All Months (GRP3 ULSD VS NY HRBR ULSD FUT)								
A6	Spec		Increase	USD	550	500	1,375	1,250
A6	Hedge/Member		Increase	USD	500	500	1,250	1,250
Gulf Coast #6 Fuel Oil Crack Swap - All Months (GULF COAST NO.6 FUEL OIL CRACK FUT)								
MG	Spec		Increase	USD	825	750	1,100	1,000
MG	Hedge/Member		Increase	USD	750	750	1,000	1,000
GULF COAST JET VS. NYMEX #2 HEA (ME) - All Months (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	1,100	1,000	825	750
ME	Hedge/Member		Decrease	USD	1,000	1,000	750	750
Heating Oil Arb Swap: NYMEX HO v. Rdam Gasoil - All Months (NY HRBR ULSD VS. GASOIL FUT)								
HA	Spec		Decrease	USD	880	800	660	600
HA	Hedge/Member		Decrease	USD	800	800	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
New York Jet Fuel (Argus) vs. Heating Oil Spread Swap Futures - (5U) - All Months (NY ULSD VS. NY HRBR ULSD FUT)								
7Y	Spec		Increase	USD	138	125	825	750
7Y	Hedge/Member		Increase	USD	125	125	750	750
NO.2 UP-DOWN SPREAD CALENDARSW (UT) - All Months (GLFCST NO.2 PLATTS FIN UP/DN FUT)								
UT	Spec		Increase	USD	880	800	1,100	1,000
UT	Hedge/Member		Increase	USD	800	800	1,000	1,000
RBOB Gasoline vs. Brent Crack Spread Swap Futures - All Months (RBOB GAS VS. BRENT CRCK SPRD FUT)								
RBB	Spec		Increase	USD	330	300	550	500
RBB	Hedge/Member		Increase	USD	300	300	500	500
RBOB Gasoline vs. Euro-bob Oxy (Argus) NWE Barges (1000mt) Swap Futures - All Months (RBOB GAS VS EURO BOB OXY NWE BARGES)								
XER	Spec		Increase	USD	528	480	858	780
XER	Hedge/Member		Increase	USD	480	480	780	780
RBOB Gasoline vs. Euro-bob Oxy (Argus) NWE Barges (1000mt) Swap Futures - All Months (RBOB GAS VS EUROBOB(ARGUS) NWE BRGS)								
EXR	Spec		Increase	USD	4,400	4,000	7,150	6,500
EXR	Hedge/Member		Increase	USD	4,000	4,000	6,500	6,500
RME BIODIESEL (ARGUS) FOB RDAM (RED COMPLIANT) VS ICE GASOIL SPREAD SWAP FUTURE - ALL MONTHS (RME BIO ARGUS RDM RED VS ICS GAS)								
BFR	Spec		Increase	USD	1,320	1,200	2,200	2,000
BFR	Hedge/Member		Increase	USD	1,200	1,200	2,000	2,000
Singapore Jet Regrade: Jet Kero vs Gasoil Swap - All Months (SINGAPORE JET KERO GASOIL FUT)								
RK	Spec		Decrease	USD	660	600	385	350
RK	Hedge/Member		Decrease	USD	600	600	350	350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Short Option Minimum (SOM) Rate						
AGRICULTURE - Short Option Minimum (SOM) Rate						
CORN CALENDAR OPTION - OLD/NEW CROP (CC6, CC6, CCZ, CCZ) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	27.000	20.000
CORN CALENDAR OPTION - SAME CROP (8CC, 8CC, PYC, PYC) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	13.500	10.000
CORN-WHEAT INTER COMMODITY CALENDAR SPREAD OPTION (QCW, XCW) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	33.750	25.000
KANSAS WHEAT FUTURES (KW, KW, KWO) - SOM						
Clearing Member Rate		New			1.250%	1.000%
LEAN HOG 1 MONTH CALENDAR SPREAD OPTION (R0A, Y01) - SOM						
Clearing Member Rate		Increase	13.500	10.000	20.250	15.000
LEAN HOG 2 MONTH CALENDAR SPREAD OPTION (R0B, Y02) - SOM						
Clearing Member Rate		Increase	13.500	10.000	20.250	15.000
LEAN HOG 3 MONTH CALENDAR SPREAD OPTION (R0C, Y03) - SOM						
Clearing Member Rate		Increase	13.500	10.000	20.250	15.000
LEAN HOG 4 MONTH CALENDAR SPREAD OPTION (R0D, Y04) - SOM						
Clearing Member Rate		Increase	13.500	10.000	20.250	15.000
MINNEAPOLIS - CBOT WHEAT CALENDAR SPREAD OPTION (MCG, MCX) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	33.750	25.000
SOYBEAN CALENDAR OPTION - MAY/NOV (C7S, SC7) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	54.000	40.000
SOYBEAN CALENDAR OPTION - OLD/NEW CROP (SC5, SC5, SCX) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	54.000	40.000
SOYBEAN CALENDAR OPTION - OLD/NEW CROP (SCX, SCX) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	54.000	40.000
SOYBEAN CALENDAR OPTION - SAME CROP (KSC, KSC, SX9, SX9, ZSC, ZSC) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	54.000	40.000
SOYBEAN CSO (KSH, QX5, SC4, SC4) - SOM						
Clearing Member Rate		Increase	27.000	20.000	54.000	40.000
SOYBEAN OIL CALENDAR OPTION - OLD/NEW CROP (CO6, CO6) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	54.000	40.000
SOYBEAN OIL CALENDAR OPTION - SAME CROP (COY, COY) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	54.000	40.000
SOYMEAL CALENDAR OPTION - SAME CROP (MYC, MYC) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	33.750	25.000
WHEAT CALENDAR OPTION - DEC/DEC (CWZ, CWZ) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	33.750	25.000
WHEAT CALENDAR OPTION - OLD/NEW CROP (CW6, CW6, CWN, CWN) - SOM						

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	<u>Tier Description</u>	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Short Option Minimum (SOM) Rate						
Clearing Member Rate		Increase	1.350%	1.000%	33.750	25.000
WHEAT CALENDAR OPTION - SAME CROP (CWM, CWM, WZC, WZC) - SOM						
Clearing Member Rate		Increase	1.350%	1.000%	13.500	10.000
ENVIRONMENTAL - Short Option Minimum (SOM) Rate						
CERTIFIED EMISSION REDUCTION PLUS (CERPLUS) FUTURES (CPE, CPL, PCL) - SOM						
Clearing Member Rate		Decrease	22.000	20.000	3.300%	3.000%
EQUITY INDEX - Short Option Minimum (SOM) Rate						
S&P 500 GROWTH (7G, SG, SG, YG) - SOM						
Clearing Member Rate		Decrease	1.650%	1.500%	1.100%	1.000%
S&P 500 VALUE (7W, SU, SU, Y91) - SOM						
Clearing Member Rate		Decrease	1.650%	1.500%	1.100%	1.000%
INTEREST RATES - Short Option Minimum (SOM) Rate						
2-YEAR T-NOTE (26, 26, 59) - SOM						
Clearing Member Rate		Decrease	18.700	17.000	11.000	10.000
METALS - Short Option Minimum (SOM) Rate						
GOLD FUTURES (8Q, GC, GCT, L01, L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, MGC, OG, QO, QS) - SOM						
Clearing Member Rate		Increase	49.500	45.000	60.500	55.000
SILVER FUTURES (6Q, QI, SI, SIL, SIT, SO) - SOM						
Clearing Member Rate		Increase	66.000	60.000	77.000	70.000
U.S. MIDWEST DOMESTIC HOT-ROLLED COIL STEEL INDEX FUTURES (HR, HRO) - SOM						
Clearing Member Rate		Decrease	16.500	15.000	11.000	10.000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Short Option Minimum (SOM) Rate						
NATURAL GAS - Short Option Minimum (SOM) Rate						
CHICAGO CITY GATE PIPE SWAP (PY, XO) - SOM						
Clearing Member Rate		Decrease	27.500	25.000	22.000	20.000
HOUSTON SHIP CHANNEL BASIS SWAP (PLATTS IFERC) FUTURES (5F, NH) - SOM						
Clearing Member Rate		Decrease	11.000	10.000	5.500	5.000
HOUSTON SHIP CHANNEL PIPE SWAP (PK, XJ) - SOM						
Clearing Member Rate		Decrease	27.500	25.000	22.000	20.000
NAT GAS 1 MONTH CALENDAR SPREAD (DG, IA) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NAT GAS 12 MONTH CALENDAR SPREAD (DZ, IZ) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NAT GAS 2 MONTH CALENDAR SPREAD (DJ, IB) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NAT GAS 3 MONTH CALENDAR SPREAD (DS, IC) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NAT GAS 5 MONTH CALENDAR SPREAD (DE, IE) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NAT GAS 6 MONTH CALENDAR SPREAD (DM, IM) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NATIONAL BALANCING POINT (NBP) HENRY HUB BASIS SWAP FUTURES (E2, V1) - SOM						
Clearing Member Rate		Decrease	55.000	50.000	27.500	25.000
NATURAL GAS 1 MONTH CSO (G4, G8) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NATURAL GAS 12 MONTH CSO (G7, H6) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NATURAL GAS 2 MONTH CSO (G2, G9) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NATURAL GAS 3 MONTH CSO (G3, H9) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NATURAL GAS 5 MONTH CSO (G5, H8) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NATURAL GAS 6 MONTH CSO (G6, H7) - SOM						
Clearing Member Rate		Increase	44.000	40.000	49.500	45.000
NGPL TEXOK BASIS SWAP (PLATTS IFERC) FUTURES (5H, PD) - SOM						
Clearing Member Rate		Decrease	11.000	10.000	5.500	5.000
NORTHERN ROCKIES PIPE SWAP (XR, ZR) - SOM						
Clearing Member Rate		Decrease	27.500	25.000	22.000	20.000
PANHANDLE PIPE SWAP (PU, XH) - SOM						

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	<u>Tier Description</u>	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Short Option Minimum (SOM) Rate						
Clearing Member Rate		Decrease	27.500	25.000	22.000	20.000
PGE CITYGATE PIPE SWAP (CW, XQ) - SOM						
Clearing Member Rate		Decrease	27.500	25.000	22.000	20.000
SAN JUAN PIPE SWAP (PJ, XX) - SOM						
Clearing Member Rate		Decrease	27.500	25.000	22.000	20.000
SOCAL PIPE SWAP (XN, ZN) - SOM						
Clearing Member Rate		Decrease	27.500	25.000	22.000	20.000
TEXAS EASTERN ZONE M-3 BASIS SWAP (PLATTS IFERC) FUTURES (5N, NX) - SOM						
Clearing Member Rate		Decrease	27.500	25.000	22.000	20.000
TRANSCO ZONE 6 NATURAL GAS (PLATTS IFERC) FIXED PRICE FUTURES (TZ, XZ) - SOM						
Clearing Member Rate		Increase	27.500	25.000	44.000	40.000
NGL/PETROCHEMICALS - Short Option Minimum (SOM) Rate						
MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (4I, 4J, C0, F1, W8) - SOM						
Clearing Member Rate		Decrease	55.000	50.000	44.000	40.000
MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (4H, 4K, 81, B0, G1, PT) - SOM						
Clearing Member Rate		Decrease	66.000	60.000	55.000	50.000
REFINED PRODUCTS - Short Option Minimum (SOM) Rate						
GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (7H, 7HO, MEO) - SOM						
Clearing Member Rate		Increase	11.000	10.000	385.000	350.000
HEATING OIL 1 MONTH CSO (FA, GH) - SOM						
Clearing Member Rate		Increase	49.500	45.000	55.000	50.000
HEATING OIL 2 MONTH CSO (FB, GK) - SOM						
Clearing Member Rate		Increase	49.500	45.000	55.000	50.000
HEATING OIL 3 MONTH CSO (FC, GM) - SOM						
Clearing Member Rate		Increase	49.500	45.000	55.000	50.000
HEATING OIL 6 MONTH CSO (FM, GF) - SOM						
Clearing Member Rate		Increase	49.500	45.000	55.000	50.000
RBOB 1 MONTH CSO (ZA, ZI) - SOM						
Clearing Member Rate		Increase	49.500	45.000	55.000	50.000
RBOB 2 MONTH CSO (ZB, ZJ) - SOM						
Clearing Member Rate		Increase	49.500	45.000	55.000	50.000
RBOB 3 MONTH CSO (ZC, ZK) - SOM						
Clearing Member Rate		Increase	49.500	45.000	55.000	50.000
RBOB 6 MONTH CSO (ZL, ZM) - SOM						
Clearing Member Rate		Increase	49.500	45.000	55.000	50.000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	<u>Tier Description</u>	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						

CRUDE OIL SPREADS - Volatility Scan (volScan) Rate

CANADIAN HEAVY CRUDE OIL (NET ENERGY) INDEX FUTURES (WCC, WCI) - volScan

Clearing Member Rate	Mnths 1-3	Increase		0.080		25.000%
Clearing Member Rate	Mnths 4-6	Increase		0.080		25.000%
Clearing Member Rate	Mnths 7+	Increase		0.080		25.000%

NATURAL GAS - Volatility Scan (volScan) Rate

NGPL TEXOK BASIS SWAP (PLATTS IFERC) FUTURES (5H, PD) - volScan

Clearing Member Rate	Mnth 1	Increase		0.070		25.000%
Clearing Member Rate	Mnths 2	Increase		0.070		25.000%
Clearing Member Rate	Mnths 3-6	Increase		0.070		25.000%
Clearing Member Rate	Mnths 7-12	Increase		0.070		25.000%
Clearing Member Rate	Mnths 13+	Increase		0.070		25.000%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
WEATHER - Volatility Scan (volScan) Rate						
AMSTERDAM COOLING SEASONAL STRIP (G2J, G2J, G2K, G2K, G2M, G2M, G2N, G2N, G2Q, G2Q, G2U, G2U) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
ATLANTA HDD SEASONAL STRIP (H1F, H1F, H1G, H1G, H1H, H1H, H1V, H1V, H1X, H1X, H1Z, H1Z) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
ATLANTA SEASONAL STRIP CDD (K1J, K1J, K1K, K1K, K1M, K1M, K1N, K1N, K1Q, K1Q, K1U, K1U) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
CHICAGO HDD SEASONAL STRIP (H2F, H2F, H2G, H2G, H2H, H2H, H2V, H2V, H2X, H2X, H2Z, H2Z) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
CHICAGO SEASONAL STRIP CDD (K2J, K2J, K2K, K2K, K2M, K2M, K2N, K2N, K2Q, K2Q, K2U, K2U) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
CINCINNATI HDD SEASONAL STRIP (H3F, H3F, H3G, H3G, H3H, H3H, H3V, H3V, H3X, H3X, H3Z, H3Z) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
CINCINNATI SEASONAL STRIP CDD (K3J, K3J, K3K, K3K, K3M, K3M, K3N, K3N, K3Q, K3Q, K3U, K3U) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
DALLAS SEASONAL STRIP CDD (K5J, K5J, K5K, K5K, K5M, K5M, K5N, K5N, K5Q, K5Q, K5U, K5U) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
DALLS HDD SEASONAL STRIP (H5F, H5F, H5G, H5G, H5H, H5H, H5V, H5V, H5X, H5X, H5Z, H5Z) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
DES MOINES SEASONAL STRIP CDD (K9J, K9J, K9K, K9K, K9M, K9M, K9N, K9N, K9Q, K9Q, K9U, K9U) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
FLORIDA HURICANE SEASONAL BINARY (BHF, BHF) - volScan						
Clearing Member Rate		Increase		0.000%		25.000%
FLORIDA, SOUTH ATLANTIC, NORTH ATLANTIC BINARY HURRICANE (BFA, BFA) - volScan						
Clearing Member Rate		Increase		0.000%		25.000%
HOUSTON SEASONAL STRIP CDD (KRJ, KRJ, KRK, KRK, KRM, KRM, KRN, KRN, KRQ, KRQ, KRU, KRU) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
KANSAS CITY HEATING SEASONAL STRIP (HXF, HXF, HXG, HXG, HXH, HXH, HXV, HXV, HXX, HXX, HXZ, HXZ) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
KANSAS CITY SEASONAL STRIP CDD (KXJ, KXJ, KXK, KXK, KXM, KXM, KXN, KXN, KXQ, KXQ, KXU, KXU) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
LAS VEGAS SEASONAL STRIP CDD (K0J, K0J, K0K, K0K, K0M, K0M, K0N, K0N, K0Q, K0Q, K0U, K0U) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
LONDON COLLING SEASONAL STRIP (G0J, G0J, G0K, G0K, G0M, G0M, G0N, G0N, G0Q, G0Q, G0U, G0U) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
LONDON HDD SEASONAL STRIP (D0F, D0F, D0G, D0G, D0H, D0H, D0V, D0V, D0X, D0X, D0Z, D0Z) - volScan						

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	<u>Tier Description</u>	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
Clearing Member Rate		Decrease		250.000		25.000%
MINNEAPOLIS CDD (KQ, KQ) - volScan						
Clearing Member Rate		Decrease		30.000		25.000%
MINNEAPOLIS HEATING SEASONAL STRIP (HQF, HQF, HQG, HQG, HQH, HQH, HQV, HQV, HQX, HQX, HQZ, HQZ) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
NEW YORK SEASONAL STRIP CDD (K4J, K4J, K4K, K4K, K4M, K4M, K4N, K4N, K4Q, K4Q, K4U, K4U) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
PHILADELPHIA CDD (K6, K6) - volScan						
Clearing Member Rate		Decrease		30.000		25.000%
PHILADELPHIA HDD SEASONAL STRIP (H6F, H6F, H6G, H6G, H6H, H6H, H6V, H6V, H6X, H6X, H6Z, H6Z) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
PHILADELPHIA SEASONAL STRIP CDD (K6J, K6J, K6K, K6K, K6M, K6M, K6N, K6N, K6Q, K6Q, K6U, K6U) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
PORTLAND HDD SEASONAL STRIP (H7F, H7F, H7G, H7G, H7H, H7H, H7V, H7V, H7X, H7X, H7Z, H7Z) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
SACRAMENTO CDD (KS, KS, Y01) - volScan						
Clearing Member Rate		Decrease		30.000		25.000%
SACRAMENTO SEASONAL STRIP CDD (KSJ, KSJ, KSK, KSK, KSM, KSM, KSN, KSN, KSQ, KSQ, KSU, KSU) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
TUCSON SEASONAL STRIP CDD (K8J, K8J, K8K, K8K, K8M, K8M, K8N, K8N, K8Q, K8Q, K8U, K8U) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%
WASHINGTON REAGAN NATIONAL AIRPORT CDD SEAS STRIP (AUJ, AUJ, AUK, AUK, AUM, AUM, AUN, AUN, AUQ, AUQ, AUU, AUU) - volScan						
Clearing Member Rate		Decrease		250.000		25.000%