



24-112

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, April 18, 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, April 19, 2024.

Current rates as of:

Thursday, April 18, 2024.

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

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

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

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
AGRICULTURE - Outright Rates								
CASH BUTTER FUTURE (CB)								
CB	Non-HRP	Months 10-15	Increase	USD	1,025	1,025	1,200	1,200
CB	HRP	Months 10-15	Increase	USD	1,128	1,025	1,320	1,200
ROUGH RICE FUTURES (14)								
14	Non-HRP	Month 1	Increase	USD	1,200	1,200	1,380	1,380
14	HRP	Month 1	Increase	USD	1,320	1,200	1,518	1,380
14	Non-HRP	Month 2	Increase	USD	1,000	1,000	1,150	1,150
14	HRP	Month 2	Increase	USD	1,100	1,000	1,265	1,150
FX - Outright Rates								
EC/SKR CROSS RATE FUTURES (KE)								
KE	Non-HRP		Decrease	SEK	31,000	31,000	28,000	28,000
KE	HRP		Decrease	SEK	34,100	31,000	30,800	28,000
EURO FX/JY FUTURE (RY)								
RY	Non-HRP		Decrease	JPY	550,000	550,000	500,000	500,000
RY	HRP		Decrease	JPY	605,000	550,000	550,000	500,000
NKR/USD FUTURES (UN)								
UN	Non-HRP		Decrease	USD	7,400	7,400	6,800	6,800
UN	HRP		Decrease	USD	8,140	7,400	7,480	6,800
POLISH ZLOTY FUTURES (PZ)								
PZ	Non-HRP		Decrease	USD	4,400	4,400	4,000	4,000
PZ	HRP		Decrease	USD	4,840	4,400	4,400	4,000
SKR/USD CROSS RATE FUTURES (SE)								
SE	Non-HRP		Decrease	USD	7,100	7,100	6,400	6,400
SE	HRP		Decrease	USD	7,810	7,100	7,040	6,400

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

ALUMINIUM EURO PREM DUTY-PAID FUT (EDP)

EDP	Non-HRP	Month(s) 01	Increase	USD	750	750	900	900
EDP	HRP	Month(s) 01	Increase	USD	825	750	990	900
EDP	Non-HRP	Month(s) 02	Increase	USD	750	750	900	900
EDP	HRP	Month(s) 02	Increase	USD	825	750	990	900
EDP	Non-HRP	Month(s) 03-09	Increase	USD	750	750	900	900
EDP	HRP	Month(s) 03-09	Increase	USD	825	750	990	900
EDP	Non-HRP	Month(s) 10+	Increase	USD	750	750	900	900
EDP	HRP	Month(s) 10+	Increase	USD	825	750	990	900

ALUMINIUM EURO PREM METAL BULLETIN (AEP)

AEP	Non-HRP	Month(s) 01	Increase	USD	600	600	750	750
AEP	HRP	Month(s) 01	Increase	USD	660	600	825	750
AEP	Non-HRP	Month(s) 02	Increase	USD	600	600	750	750
AEP	HRP	Month(s) 02	Increase	USD	660	600	825	750
AEP	Non-HRP	Month(s) 03-09	Increase	USD	600	600	750	750
AEP	HRP	Month(s) 03-09	Increase	USD	660	600	825	750
AEP	Non-HRP	Month(s) 10+	Increase	USD	600	600	750	750
AEP	HRP	Month(s) 10+	Increase	USD	660	600	825	750

ALUMINUM FUTURES (ALI)

ALI	Non-HRP	Mths 1-4	Increase	USD	2,200	2,200	2,700	2,700
ALI	HRP	Mths 1-4	Increase	USD	2,420	2,200	2,970	2,700
ALI	Non-HRP	Mths 5+	Increase	USD	2,200	2,200	2,700	2,700
ALI	HRP	Mths 5+	Increase	USD	2,420	2,200	2,970	2,700

ALUMINUM MW TRANS PREM PLATTS FUT (AUP)

AUP	Non-HRP	Mths 13-21	Increase	USD	600	600	700	700
AUP	HRP	Mths 13-21	Increase	USD	660	600	770	700
AUP	Non-HRP	22+	Increase	USD	600	600	700	700
AUP	HRP	22+	Increase	USD	660	600	770	700

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 100 GOLD FUTURES (GC)

GC	Non-HRP	Mnth1	Increase	USD	9,400	9,400	10,000	10,000
GC	HRP	Mnth1	Increase	USD	10,340	9,400	11,000	10,000
GC	Non-HRP	Mnth2	Increase	USD	9,400	9,400	10,000	10,000
GC	HRP	Mnth2	Increase	USD	10,340	9,400	11,000	10,000
GC	Non-HRP	Mnth3	Increase	USD	9,400	9,400	10,000	10,000
GC	HRP	Mnth3	Increase	USD	10,340	9,400	11,000	10,000
GC	Non-HRP	Mnth4	Increase	USD	9,400	9,400	10,000	10,000
GC	HRP	Mnth4	Increase	USD	10,340	9,400	11,000	10,000
GC	Non-HRP	Mnth5	Increase	USD	9,400	9,400	10,000	10,000
GC	HRP	Mnth5	Increase	USD	10,340	9,400	11,000	10,000
GC	Non-HRP	Mnth6	Increase	USD	9,400	9,400	10,000	10,000
GC	HRP	Mnth6	Increase	USD	10,340	9,400	11,000	10,000
GC	Non-HRP	Mnth7	Increase	USD	9,400	9,400	10,000	10,000
GC	HRP	Mnth7	Increase	USD	10,340	9,400	11,000	10,000
GC	Non-HRP	Mnth8+	Increase	USD	9,400	9,400	10,000	10,000
GC	HRP	Mnth8+	Increase	USD	10,340	9,400	11,000	10,000

COMEX 100 GOLD TRADE AT SETTLEMENT (GCT)

GCT	Non-HRP	Mnth1	Increase	USD	9,400	9,400	10,000	10,000
GCT	HRP	Mnth1	Increase	USD	10,340	9,400	11,000	10,000
GCT	Non-HRP	Mnth2	Increase	USD	9,400	9,400	10,000	10,000
GCT	HRP	Mnth2	Increase	USD	10,340	9,400	11,000	10,000
GCT	Non-HRP	Mnth3	Increase	USD	9,400	9,400	10,000	10,000
GCT	HRP	Mnth3	Increase	USD	10,340	9,400	11,000	10,000
GCT	Non-HRP	Mnth4	Increase	USD	9,400	9,400	10,000	10,000
GCT	HRP	Mnth4	Increase	USD	10,340	9,400	11,000	10,000
GCT	Non-HRP	Mnth5	Increase	USD	9,400	9,400	10,000	10,000
GCT	HRP	Mnth5	Increase	USD	10,340	9,400	11,000	10,000
GCT	Non-HRP	Mnth6	Increase	USD	9,400	9,400	10,000	10,000
GCT	HRP	Mnth6	Increase	USD	10,340	9,400	11,000	10,000
GCT	Non-HRP	Mnth7	Increase	USD	9,400	9,400	10,000	10,000
GCT	HRP	Mnth7	Increase	USD	10,340	9,400	11,000	10,000
GCT	Non-HRP	Mnth8+	Increase	USD	9,400	9,400	10,000	10,000
GCT	HRP	Mnth8+	Increase	USD	10,340	9,400	11,000	10,000

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 FUTURES (SI)

SI	Non-HRP	Mnth1	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth1	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth2	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth2	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth3	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth3	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth4	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth4	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth5	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth5	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth6	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth6	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth7	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth7	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth8	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth8	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth9	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth9	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth10	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth10	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth11	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth11	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth12	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth12	Increase	USD	10,450	9,500	11,550	10,500
SI	Non-HRP	Mnth13+	Increase	USD	9,500	9,500	10,500	10,500
SI	HRP	Mnth13+	Increase	USD	10,450	9,500	11,550	10,500

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

COMEX 5000 SILVER TRADE AT SETTLE (SIT)

SIT	Non-HRP	Mnth1	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth1	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth2	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth2	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth3	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth3	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth4	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth4	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth5	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth5	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth6	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth6	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth7	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth7	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth8	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth8	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth9	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth9	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth10	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth10	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth11	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth11	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth12	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth12	Increase	USD	10,450	9,500	11,550	10,500
SIT	Non-HRP	Mnth13+	Increase	USD	9,500	9,500	10,500	10,500
SIT	HRP	Mnth13+	Increase	USD	10,450	9,500	11,550	10,500

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

COMEX MINY SILVER FUTURES (QI)

QI	Non-HRP	Mnth1	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth1	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth2	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth2	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth3	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth3	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth4	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth4	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth5	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth5	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth6	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth6	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth7	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth7	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth8	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth8	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth9	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth9	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth10	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth10	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth11	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth11	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth12	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth12	Increase	USD	5,225	4,750	5,775	5,250
QI	Non-HRP	Mnth13+	Increase	USD	4,750	4,750	5,250	5,250
QI	HRP	Mnth13+	Increase	USD	5,225	4,750	5,775	5,250

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 GOLD FUTURES (QO)

QO	Non-HRP	Mnth1	Increase	USD	4,700	4,700	5,000	5,000
QO	HRP	Mnth1	Increase	USD	5,170	4,700	5,500	5,000
QO	Non-HRP	Mnth2	Increase	USD	4,700	4,700	5,000	5,000
QO	HRP	Mnth2	Increase	USD	5,170	4,700	5,500	5,000
QO	Non-HRP	Mnth3	Increase	USD	4,700	4,700	5,000	5,000
QO	HRP	Mnth3	Increase	USD	5,170	4,700	5,500	5,000
QO	Non-HRP	Mnth4	Increase	USD	4,700	4,700	5,000	5,000
QO	HRP	Mnth4	Increase	USD	5,170	4,700	5,500	5,000
QO	Non-HRP	Mnth5	Increase	USD	4,700	4,700	5,000	5,000
QO	HRP	Mnth5	Increase	USD	5,170	4,700	5,500	5,000
QO	Non-HRP	Mnth6	Increase	USD	4,700	4,700	5,000	5,000
QO	HRP	Mnth6	Increase	USD	5,170	4,700	5,500	5,000
QO	Non-HRP	Mnth7	Increase	USD	4,700	4,700	5,000	5,000
QO	HRP	Mnth7	Increase	USD	5,170	4,700	5,500	5,000
QO	Non-HRP	Mnth8+	Increase	USD	4,700	4,700	5,000	5,000
QO	HRP	Mnth8+	Increase	USD	5,170	4,700	5,500	5,000

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	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth1	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth2	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth2	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth3	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth3	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth4	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth4	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth5	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth5	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth6	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth6	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth7	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth7	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth8	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth8	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth9	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth9	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth10	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth10	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth11	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth11	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth12	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth12	Increase	USD	2,090	1,900	2,310	2,100
6Q	Non-HRP	Mnth13+	Increase	USD	1,900	1,900	2,100	2,100
6Q	HRP	Mnth13+	Increase	USD	2,090	1,900	2,310	2,100

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

GOLD LONDON TAM FIRST PM (GCD)

GCD	Non-HRP	Mnth1	Increase	USD	9,400	9,400	10,000	10,000
GCD	HRP	Mnth1	Increase	USD	10,340	9,400	11,000	10,000
GCD	Non-HRP	Mnth2	Increase	USD	9,400	9,400	10,000	10,000
GCD	HRP	Mnth2	Increase	USD	10,340	9,400	11,000	10,000
GCD	Non-HRP	Mnth3	Increase	USD	9,400	9,400	10,000	10,000
GCD	HRP	Mnth3	Increase	USD	10,340	9,400	11,000	10,000
GCD	Non-HRP	Mnth4	Increase	USD	9,400	9,400	10,000	10,000
GCD	HRP	Mnth4	Increase	USD	10,340	9,400	11,000	10,000
GCD	Non-HRP	Mnth5	Increase	USD	9,400	9,400	10,000	10,000
GCD	HRP	Mnth5	Increase	USD	10,340	9,400	11,000	10,000
GCD	Non-HRP	Mnth6	Increase	USD	9,400	9,400	10,000	10,000
GCD	HRP	Mnth6	Increase	USD	10,340	9,400	11,000	10,000
GCD	Non-HRP	Mnth7	Increase	USD	9,400	9,400	10,000	10,000
GCD	HRP	Mnth7	Increase	USD	10,340	9,400	11,000	10,000
GCD	Non-HRP	Mnth8+	Increase	USD	9,400	9,400	10,000	10,000
GCD	HRP	Mnth8+	Increase	USD	10,340	9,400	11,000	10,000

LITHIUM CARBONATE CIF CJK (FASTMARK (LTC)

LTC	Non-HRP	Mth 1	Decrease	USD	5,500	5,500	4,500	4,500
LTC	HRP	Mth 1	Decrease	USD	6,050	5,500	4,950	4,500
LTC	Non-HRP	Mths 2-3	Decrease	USD	5,500	5,500	4,500	4,500
LTC	HRP	Mths 2-3	Decrease	USD	6,050	5,500	4,950	4,500
LTC	Non-HRP	Mths 4-6	Decrease	USD	5,500	5,500	4,500	4,500
LTC	HRP	Mths 4-6	Decrease	USD	6,050	5,500	4,950	4,500
LTC	Non-HRP	Mths 7+	Decrease	USD	5,500	5,500	4,500	4,500
LTC	HRP	Mths 7+	Decrease	USD	6,050	5,500	4,950	4,500

LITHIUM HYDROXIDE (FASTMARKETS) FUT (LTH)

LTH	Non-HRP	Mth 1	Decrease	USD	3,500	3,500	3,000	3,000
LTH	HRP	Mth 1	Decrease	USD	3,850	3,500	3,300	3,000
LTH	Non-HRP	Mths 2-3	Decrease	USD	3,500	3,500	3,000	3,000
LTH	HRP	Mths 2-3	Decrease	USD	3,850	3,500	3,300	3,000
LTH	Non-HRP	Mths 4-6	Decrease	USD	3,500	3,500	3,000	3,000
LTH	HRP	Mths 4-6	Decrease	USD	3,850	3,500	3,300	3,000
LTH	Non-HRP	Mths 7+	Decrease	USD	3,500	3,500	3,000	3,000
LTH	HRP	Mths 7+	Decrease	USD	3,850	3,500	3,300	3,000

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

MICRO GOLD FUTURES (MGC)

MGC	Non-HRP	Mnth1	Increase	USD	940	940	1,000	1,000
MGC	HRP	Mnth1	Increase	USD	1,034	940	1,100	1,000
MGC	Non-HRP	Mnth2	Increase	USD	940	940	1,000	1,000
MGC	HRP	Mnth2	Increase	USD	1,034	940	1,100	1,000
MGC	Non-HRP	Mnth3	Increase	USD	940	940	1,000	1,000
MGC	HRP	Mnth3	Increase	USD	1,034	940	1,100	1,000
MGC	Non-HRP	Mnth4	Increase	USD	940	940	1,000	1,000
MGC	HRP	Mnth4	Increase	USD	1,034	940	1,100	1,000
MGC	Non-HRP	Mnth5	Increase	USD	940	940	1,000	1,000
MGC	HRP	Mnth5	Increase	USD	1,034	940	1,100	1,000
MGC	Non-HRP	Mnth6	Increase	USD	940	940	1,000	1,000
MGC	HRP	Mnth6	Increase	USD	1,034	940	1,100	1,000
MGC	Non-HRP	Mnth7	Increase	USD	940	940	1,000	1,000
MGC	HRP	Mnth7	Increase	USD	1,034	940	1,100	1,000
MGC	Non-HRP	Mnth8+	Increase	USD	940	940	1,000	1,000
MGC	HRP	Mnth8+	Increase	USD	1,034	940	1,100	1,000

MICRO GOLD TAS (MGT)

MGT	Non-HRP	Mnth1	Increase	USD	940	940	1,000	1,000
MGT	HRP	Mnth1	Increase	USD	1,034	940	1,100	1,000
MGT	Non-HRP	Mnth2	Increase	USD	940	940	1,000	1,000
MGT	HRP	Mnth2	Increase	USD	1,034	940	1,100	1,000
MGT	Non-HRP	Mnth3	Increase	USD	940	940	1,000	1,000
MGT	HRP	Mnth3	Increase	USD	1,034	940	1,100	1,000
MGT	Non-HRP	Mnth4	Increase	USD	940	940	1,000	1,000
MGT	HRP	Mnth4	Increase	USD	1,034	940	1,100	1,000
MGT	Non-HRP	Mnth5	Increase	USD	940	940	1,000	1,000
MGT	HRP	Mnth5	Increase	USD	1,034	940	1,100	1,000
MGT	Non-HRP	Mnth6	Increase	USD	940	940	1,000	1,000
MGT	HRP	Mnth6	Increase	USD	1,034	940	1,100	1,000
MGT	Non-HRP	Mnth7	Increase	USD	940	940	1,000	1,000
MGT	HRP	Mnth7	Increase	USD	1,034	940	1,100	1,000
MGT	Non-HRP	Mnth8+	Increase	USD	940	940	1,000	1,000
MGT	HRP	Mnth8+	Increase	USD	1,034	940	1,100	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MICRO SILVER FUTURES (SIL)								
SIL	Non-HRP	Mnth1	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth1	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth2	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth2	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth3	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth3	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth4	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth4	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth5	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth5	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth6	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth6	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth7	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth7	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth8	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth8	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth9	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth9	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth10	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth10	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth11	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth11	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth12	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth12	Increase	USD	2,090	1,900	2,310	2,100
SIL	Non-HRP	Mnth13+	Increase	USD	1,900	1,900	2,100	2,100
SIL	HRP	Mnth13+	Increase	USD	2,090	1,900	2,310	2,100
MOLYBDENUM OXIDE PLATTS FUT (MOX)								
MOX	Non-HRP	Mth 1	Decrease	USD	4,200	4,200	3,800	3,800
MOX	HRP	Mth 1	Decrease	USD	4,620	4,200	4,180	3,800
MOX	Non-HRP	Mths 2+	Decrease	USD	3,800	3,800	3,300	3,300
MOX	HRP	Mths 2+	Decrease	USD	4,180	3,800	3,630	3,300
SHANGHAI GOLD (CNH) FUTURES (SGC)								
SGC	Non-HRP	Mths 1-3	Increase	CNH	12,000	12,000	15,000	15,000
SGC	HRP	Mths 1-3	Increase	CNH	13,200	12,000	16,500	15,000
SGC	Non-HRP	Mths 4+	Increase	CNH	12,000	12,000	15,000	15,000
SGC	HRP	Mths 4+	Increase	CNH	13,200	12,000	16,500	15,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

SHANGHAI GOLD (USD) FUTURES (SGU)

SGU	Non-HRP	Mths 1-3	Increase	USD	2,000	2,000	2,500	2,500
SGU	HRP	Mths 1-3	Increase	USD	2,200	2,000	2,750	2,500
SGU	Non-HRP	Mths 4+	Increase	USD	2,000	2,000	2,500	2,500
SGU	HRP	Mths 4+	Increase	USD	2,200	2,000	2,750	2,500

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						

CRYPTOCURRENCIES - Inter-commodity Spread Rates

ETH/BTC RATIO FUTURES (EBR) vs BITCOIN FUTURES (BTC) Month1

Spread Credit Rate	New	+6:+1			30%	30%
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ETH/BTC RATIO FUTURES (EBR) vs BITCOIN FUTURES (BTC) Month2

Spread Credit Rate	New	+6:+1			30%	30%
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ETH/BTC RATIO FUTURES (EBR) vs BITCOIN FUTURES (BTC) Month3

Spread Credit Rate	New	+6:+1			30%	30%
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ETH/BTC RATIO FUTURES (EBR) vs BITCOIN FUTURES (BTC) Month4

Spread Credit Rate	New	+6:+1			30%	30%
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ETH/BTC RATIO FUTURES (EBR) vs BITCOIN FUTURES (BTC) vs ETHER FUTURES (ETH) Month1

Spread Credit Rate	New	+6:+1:-2			70%	70%
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ETH/BTC RATIO FUTURES (EBR) vs BITCOIN FUTURES (BTC) vs ETHER FUTURES (ETH) Month2

Spread Credit Rate	New	+6:+1:-2			70%	70%
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ETH/BTC RATIO FUTURES (EBR) vs BITCOIN FUTURES (BTC) vs ETHER FUTURES (ETH) Month3

Spread Credit Rate	New	+6:+1:-2			70%	70%
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ETH/BTC RATIO FUTURES (EBR) vs BITCOIN FUTURES (BTC) vs ETHER FUTURES (ETH) Month4

Spread Credit Rate	New	+6:+1:-2			70%	70%
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ETH/BTC RATIO FUTURES (EBR) vs ETHER FUTURES (ETH) Month1

Spread Credit Rate	New	+3:-1			30%	30%
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ETH/BTC RATIO FUTURES (EBR) vs ETHER FUTURES (ETH) Month2

Spread Credit Rate	New	+3:-1			30%	30%
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ETH/BTC RATIO FUTURES (EBR) vs ETHER FUTURES (ETH) Month3

Spread Credit Rate	New	+3:-1			30%	30%
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ETH/BTC RATIO FUTURES (EBR) vs ETHER FUTURES (ETH) Month4

Spread Credit Rate	New	+3:-1			30%	30%
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SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	<u>Tier Description</u>	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
EQUITY INDEX - Volatility Scan (volScan) Rate						
E-MINI S&P MIDCAP 400 (8Z, EMT, ETT, MD, MD, ME, ME, MID, MMC, YZ) - volScan						
Clearing Member Rate		Decrease		40.000%		28.000%