



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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, July 13, 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, July 14, 2023.

Current rates as of:

Thursday, July 13, 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 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
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Outright Rates

INTEREST RATES - Outright Rates

10-YEAR ERIS SOFR SWAP FUTURES (Y1Y)

Y1Y	Non-HRP	Month 11	Decrease	USD	850	850	825	825
Y1Y	HRP	Month 11	Decrease	USD	935	850	908	825
Y1Y	Non-HRP	Month 12	Decrease	USD	900	900	850	850
Y1Y	HRP	Month 12	Decrease	USD	990	900	935	850
Y1Y	Non-HRP	Month 13	Decrease	USD	975	975	875	875
Y1Y	HRP	Month 13	Decrease	USD	1,073	975	963	875
Y1Y	Non-HRP	Month 14	Decrease	USD	1,025	1,025	900	900
Y1Y	HRP	Month 14	Decrease	USD	1,128	1,025	990	900
Y1Y	Non-HRP	Month 15	Decrease	USD	1,050	1,050	925	925
Y1Y	HRP	Month 15	Decrease	USD	1,155	1,050	1,018	925
Y1Y	Non-HRP	Month 16	Decrease	USD	1,100	1,100	975	975
Y1Y	HRP	Month 16	Decrease	USD	1,210	1,100	1,073	975
Y1Y	Non-HRP	Month 17	Decrease	USD	1,175	1,175	1,000	1,000
Y1Y	HRP	Month 17	Decrease	USD	1,293	1,175	1,100	1,000
Y1Y	Non-HRP	Month 18	Decrease	USD	1,200	1,200	1,025	1,025
Y1Y	HRP	Month 18	Decrease	USD	1,320	1,200	1,128	1,025
Y1Y	Non-HRP	Month 19	Decrease	USD	1,250	1,250	1,075	1,075
Y1Y	HRP	Month 19	Decrease	USD	1,375	1,250	1,183	1,075
Y1Y	Non-HRP	Month 20	Decrease	USD	1,300	1,300	1,100	1,100
Y1Y	HRP	Month 20	Decrease	USD	1,430	1,300	1,210	1,100
Y1Y	Non-HRP	Month 21	Decrease	USD	1,250	1,250	1,125	1,125
Y1Y	HRP	Month 21	Decrease	USD	1,375	1,250	1,238	1,125
Y1Y	Non-HRP	Month 22	Decrease	USD	1,275	1,275	1,150	1,150
Y1Y	HRP	Month 22	Decrease	USD	1,403	1,275	1,265	1,150
Y1Y	Non-HRP	Month 23	Decrease	USD	1,300	1,300	1,175	1,175
Y1Y	HRP	Month 23	Decrease	USD	1,430	1,300	1,293	1,175
Y1Y	Non-HRP	Month 24	Decrease	USD	1,350	1,350	1,200	1,200
Y1Y	HRP	Month 24	Decrease	USD	1,485	1,350	1,320	1,200
Y1Y	Non-HRP	Month 25	Decrease	USD	1,375	1,375	1,225	1,225
Y1Y	HRP	Month 25	Decrease	USD	1,513	1,375	1,348	1,225
Y1Y	Non-HRP	Month 26	Decrease	USD	1,400	1,400	1,250	1,250
Y1Y	HRP	Month 26	Decrease	USD	1,540	1,400	1,375	1,250
Y1Y	Non-HRP	Month 27	Decrease	USD	1,425	1,425	1,275	1,275
Y1Y	HRP	Month 27	Decrease	USD	1,568	1,425	1,403	1,275
Y1Y	Non-HRP	Month 28	Decrease	USD	1,475	1,475	1,300	1,300
Y1Y	HRP	Month 28	Decrease	USD	1,623	1,475	1,430	1,300
Y1Y	Non-HRP	Month 29	Decrease	USD	1,525	1,525	1,350	1,350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
YIY	HRP	Month 29	Decrease	USD	1,678	1,525	1,485	1,350
YIY	Non-HRP	Month 30	Decrease	USD	1,575	1,575	1,400	1,400
YIY	HRP	Month 30	Decrease	USD	1,733	1,575	1,540	1,400
YIY	Non-HRP	Month 31	Decrease	USD	1,625	1,625	1,450	1,450
YIY	HRP	Month 31	Decrease	USD	1,788	1,625	1,595	1,450
YIY	Non-HRP	Month 32	Decrease	USD	1,675	1,675	1,500	1,500
YIY	HRP	Month 32	Decrease	USD	1,843	1,675	1,650	1,500
YIY	Non-HRP	Month 33	Decrease	USD	1,725	1,725	1,550	1,550
YIY	HRP	Month 33	Decrease	USD	1,898	1,725	1,705	1,550
YIY	Non-HRP	Month 34	Decrease	USD	1,775	1,775	1,600	1,600
YIY	HRP	Month 34	Decrease	USD	1,953	1,775	1,760	1,600
YIY	Non-HRP	Month 35	Decrease	USD	1,825	1,825	1,650	1,650
YIY	HRP	Month 35	Decrease	USD	2,008	1,825	1,815	1,650
YIY	Non-HRP	Month 36	Decrease	USD	1,875	1,875	1,700	1,700
YIY	HRP	Month 36	Decrease	USD	2,063	1,875	1,870	1,700
YIY	Non-HRP	Month 37	Decrease	USD	1,925	1,925	1,750	1,750
YIY	HRP	Month 37	Decrease	USD	2,118	1,925	1,925	1,750
YIY	Non-HRP	Month 38	Decrease	USD	1,975	1,975	1,800	1,800
YIY	HRP	Month 38	Decrease	USD	2,173	1,975	1,980	1,800
YIY	Non-HRP	Month 39	Decrease	USD	2,025	2,025	1,850	1,850
YIY	HRP	Month 39	Decrease	USD	2,228	2,025	2,035	1,850
YIY	Non-HRP	Month 40	Decrease	USD	2,075	2,075	1,900	1,900
YIY	HRP	Month 40	Decrease	USD	2,283	2,075	2,090	1,900
YIY	Non-HRP	Month 41	Decrease	USD	2,100	2,100	1,925	1,925
YIY	HRP	Month 41	Decrease	USD	2,310	2,100	2,118	1,925
YIY	Non-HRP	Month 42	Decrease	USD	2,100	2,100	1,925	1,925
YIY	HRP	Month 42	Decrease	USD	2,310	2,100	2,118	1,925
12-YEAR ERIS SOFR SWAP FUTURES (YII)								
YII	Non-HRP	Month 1	Decrease	USD	1,700	1,700	1,615	1,615
YII	HRP	Month 1	Decrease	USD	1,870	1,700	1,777	1,615
YII	Non-HRP	Month 2	Decrease	USD	1,700	1,700	1,625	1,625
YII	HRP	Month 2	Decrease	USD	1,870	1,700	1,788	1,625
YII	Non-HRP	Month 3	Decrease	USD	1,700	1,700	1,675	1,675
YII	HRP	Month 3	Decrease	USD	1,870	1,700	1,843	1,675
YII	Non-HRP	Month 5	Decrease	USD	1,800	1,800	1,775	1,775
YII	HRP	Month 5	Decrease	USD	1,980	1,800	1,953	1,775
YII	Non-HRP	Month 8	Decrease	USD	1,900	1,900	1,875	1,875
YII	HRP	Month 8	Decrease	USD	2,090	1,900	2,063	1,875
YII	Non-HRP	Month 9	Decrease	USD	2,200	2,200	2,075	2,075
YII	HRP	Month 9	Decrease	USD	2,420	2,200	2,283	2,075

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

15-YEAR ERIS SOFR SWAP FUTURES (YIL)

YIL	Non-HRP	Month 1	Decrease	USD	2,500	2,500	1,725	1,725
YIL	HRP	Month 1	Decrease	USD	2,750	2,500	1,898	1,725
YIL	Non-HRP	Month 2	New	USD			1,750	1,750
YIL	HRP	Month 2	New	USD			1,925	1,750
YIL	Non-HRP	Month 3	New	USD			1,800	1,800
YIL	HRP	Month 3	New	USD			1,980	1,800
YIL	Non-HRP	Month 4	New	USD			1,825	1,825
YIL	HRP	Month 4	New	USD			2,008	1,825
YIL	Non-HRP	Month 5	New	USD			1,925	1,925
YIL	HRP	Month 5	New	USD			2,118	1,925
YIL	Non-HRP	Month 6	New	USD			1,950	1,950
YIL	HRP	Month 6	New	USD			2,145	1,950
YIL	Non-HRP	Month 7	New	USD			1,975	1,975
YIL	HRP	Month 7	New	USD			2,173	1,975
YIL	Non-HRP	Month 8	New	USD			2,000	2,000
YIL	HRP	Month 8	New	USD			2,200	2,000
YIL	Non-HRP	Month 9	New	USD			2,275	2,275
YIL	HRP	Month 9	New	USD			2,503	2,275
YIL	Non-HRP	Month 10	New	USD			2,300	2,300
YIL	HRP	Month 10	New	USD			2,530	2,300
YIL	Non-HRP	Month 11	New	USD			2,350	2,350
YIL	HRP	Month 11	New	USD			2,585	2,350
YIL	Non-HRP	Months 12+	New	USD			2,350	2,350
YIL	HRP	Months 12+	New	USD			2,585	2,350

1-YEAR ERIS SOFR SWAP FUTURES (YIA)

YIA	Non-HRP	Month 3	Decrease	USD	155	155	130	130
YIA	HRP	Month 3	Decrease	USD	171	155	143	130
YIA	Non-HRP	Month 4	Decrease	USD	250	250	220	220
YIA	HRP	Month 4	Decrease	USD	275	250	242	220
YIA	Non-HRP	Month 5	Decrease	USD	350	350	325	325
YIA	HRP	Month 5	Decrease	USD	385	350	358	325

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
20-YEAR ERIS SOFR SWAP FUTURES (YIO)								
YIO	Non-HRP	Month 1	Decrease	USD	3,300	3,300	2,000	2,000
YIO	HRP	Month 1	Decrease	USD	3,630	3,300	2,200	2,000
YIO	Non-HRP	Month 2	New	USD			2,100	2,100
YIO	HRP	Month 2	New	USD			2,310	2,100
YIO	Non-HRP	Month 3	New	USD			2,200	2,200
YIO	HRP	Month 3	New	USD			2,420	2,200
YIO	Non-HRP	Month 4	New	USD			2,300	2,300
YIO	HRP	Month 4	New	USD			2,530	2,300
YIO	Non-HRP	Month 5	New	USD			2,400	2,400
YIO	HRP	Month 5	New	USD			2,640	2,400
YIO	Non-HRP	Month 6	New	USD			2,500	2,500
YIO	HRP	Month 6	New	USD			2,750	2,500
YIO	Non-HRP	Month 7	New	USD			2,600	2,600
YIO	HRP	Month 7	New	USD			2,860	2,600
YIO	Non-HRP	Month 8	New	USD			2,700	2,700
YIO	HRP	Month 8	New	USD			2,970	2,700
YIO	Non-HRP	Month 9	New	USD			2,800	2,800
YIO	HRP	Month 9	New	USD			3,080	2,800
YIO	Non-HRP	Month 10	New	USD			2,900	2,900
YIO	HRP	Month 10	New	USD			3,190	2,900
YIO	Non-HRP	Month 11	New	USD			3,000	3,000
YIO	HRP	Month 11	New	USD			3,300	3,000
YIO	Non-HRP	Months 12+	New	USD			3,000	3,000
YIO	HRP	Months 12+	New	USD			3,300	3,000
2-YEAR ERIS SOFR SWAP FUTURES (YIT)								
YIT	Non-HRP	Month 5	Decrease	USD	360	360	300	300
YIT	HRP	Month 5	Decrease	USD	396	360	330	300
YIT	Non-HRP	Month 6	Decrease	USD	450	450	400	400
YIT	HRP	Month 6	Decrease	USD	495	450	440	400
YIT	Non-HRP	Month 7	Decrease	USD	575	575	500	500
YIT	HRP	Month 7	Decrease	USD	633	575	550	500
YIT	Non-HRP	Month 8	Decrease	USD	650	650	575	575
YIT	HRP	Month 8	Decrease	USD	715	650	633	575
YIT	Non-HRP	Month 9	Decrease	USD	750	750	650	650
YIT	HRP	Month 9	Decrease	USD	825	750	715	650
30-YEAR ERIS SOFR SWAP FUTURES (YIE)								
YIE	Non-HRP		Decrease	USD	4,500	4,500	3,700	3,700
YIE	HRP		Decrease	USD	4,950	4,500	4,070	3,700

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

3-YEAR ERIS SOFR SWAP FUTURES (YIC)

YIC	Non-HRP	Month 7	Decrease	USD	550	550	525	525
YIC	HRP	Month 7	Decrease	USD	605	550	578	525
YIC	Non-HRP	Month 8	Decrease	USD	700	700	600	600
YIC	HRP	Month 8	Decrease	USD	770	700	660	600
YIC	Non-HRP	Month 9	Decrease	USD	775	775	675	675
YIC	HRP	Month 9	Decrease	USD	853	775	743	675
YIC	Non-HRP	Month 10	Decrease	USD	850	850	725	725
YIC	HRP	Month 10	Decrease	USD	935	850	798	725
YIC	Non-HRP	Month 11	Decrease	USD	875	875	775	775
YIC	HRP	Month 11	Decrease	USD	963	875	853	775
YIC	Non-HRP	Month 12	Decrease	USD	900	900	800	800
YIC	HRP	Month 12	Decrease	USD	990	900	880	800
YIC	Non-HRP	Month 13	Decrease	USD	1,000	1,000	900	900
YIC	HRP	Month 13	Decrease	USD	1,100	1,000	990	900
YIC	Non-HRP	Month 14	Decrease	USD	1,050	1,050	950	950
YIC	HRP	Month 14	Decrease	USD	1,155	1,050	1,045	950
YIC	Non-HRP	Month 15	Decrease	USD	1,050	1,050	950	950
YIC	HRP	Month 15	Decrease	USD	1,155	1,050	1,045	950

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
4-YEAR ERIS SOFR SWAP FUTURES (YID)								
YID	Non-HRP	Month 10	Decrease	USD	775	775	700	700
YID	HRP	Month 10	Decrease	USD	853	775	770	700
YID	Non-HRP	Month 11	Decrease	USD	850	850	750	750
YID	HRP	Month 11	Decrease	USD	935	850	825	750
YID	Non-HRP	Month 12	Decrease	USD	900	900	800	800
YID	HRP	Month 12	Decrease	USD	990	900	880	800
YID	Non-HRP	Month 13	Decrease	USD	925	925	825	825
YID	HRP	Month 13	Decrease	USD	1,018	925	908	825
YID	Non-HRP	Month 14	Decrease	USD	1,075	1,075	975	975
YID	HRP	Month 14	Decrease	USD	1,183	1,075	1,073	975
YID	Non-HRP	Month 15	Decrease	USD	1,200	1,200	1,075	1,075
YID	HRP	Month 15	Decrease	USD	1,320	1,200	1,183	1,075
YID	Non-HRP	Month 16	Decrease	USD	1,250	1,250	1,150	1,150
YID	HRP	Month 16	Decrease	USD	1,375	1,250	1,265	1,150
YID	Non-HRP	Month 17	Decrease	USD	1,275	1,275	1,175	1,175
YID	HRP	Month 17	Decrease	USD	1,403	1,275	1,293	1,175
YID	Non-HRP	Month 18	Decrease	USD	1,350	1,350	1,250	1,250
YID	HRP	Month 18	Decrease	USD	1,485	1,350	1,375	1,250
YID	Non-HRP	Month 19+	Decrease	USD	1,350	1,350	1,250	1,250
YID	HRP	Month 19+	Decrease	USD	1,485	1,350	1,375	1,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
5-YEAR ERIS SOFR SWAP FUTURES (YIW)								
YIW	Non-HRP	Month 10	Decrease	USD	750	750	725	725
YIW	HRP	Month 10	Decrease	USD	825	750	798	725
YIW	Non-HRP	Month 11	Decrease	USD	800	800	750	750
YIW	HRP	Month 11	Decrease	USD	880	800	825	750
YIW	Non-HRP	Month 12	Decrease	USD	850	850	775	775
YIW	HRP	Month 12	Decrease	USD	935	850	853	775
YIW	Non-HRP	Month 13	Decrease	USD	875	875	800	800
YIW	HRP	Month 13	Decrease	USD	963	875	880	800
YIW	Non-HRP	Month 14	Decrease	USD	950	950	850	850
YIW	HRP	Month 14	Decrease	USD	1,045	950	935	850
YIW	Non-HRP	Month 15	Decrease	USD	1,000	1,000	900	900
YIW	HRP	Month 15	Decrease	USD	1,100	1,000	990	900
YIW	Non-HRP	Month 16	Decrease	USD	1,050	1,050	950	950
YIW	HRP	Month 16	Decrease	USD	1,155	1,050	1,045	950
YIW	Non-HRP	Month 17	Decrease	USD	1,075	1,075	975	975
YIW	HRP	Month 17	Decrease	USD	1,183	1,075	1,073	975
YIW	Non-HRP	Month 18	Decrease	USD	1,150	1,150	1,025	1,025
YIW	HRP	Month 18	Decrease	USD	1,265	1,150	1,128	1,025
YIW	Non-HRP	Month 19	Decrease	USD	1,225	1,225	1,100	1,100
YIW	HRP	Month 19	Decrease	USD	1,348	1,225	1,210	1,100
YIW	Non-HRP	Month 20	Decrease	USD	1,300	1,300	1,175	1,175
YIW	HRP	Month 20	Decrease	USD	1,430	1,300	1,293	1,175
YIW	Non-HRP	Month 21	Decrease	USD	1,375	1,375	1,200	1,200
YIW	HRP	Month 21	Decrease	USD	1,513	1,375	1,320	1,200
YIW	Non-HRP	Month 22	Decrease	USD	1,400	1,400	1,225	1,225
YIW	HRP	Month 22	Decrease	USD	1,540	1,400	1,348	1,225
YIW	Non-HRP	Month 23	Decrease	USD	1,400	1,400	1,225	1,225
YIW	HRP	Month 23	Decrease	USD	1,540	1,400	1,348	1,225

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
7-YEAR ERIS SOFR SWAP FUTURES (YIB)								
YIB	Non-HRP	Month 11	Decrease	USD	800	800	775	775
YIB	HRP	Month 11	Decrease	USD	880	800	853	775
YIB	Non-HRP	Month 12	Decrease	USD	875	875	800	800
YIB	HRP	Month 12	Decrease	USD	963	875	880	800
YIB	Non-HRP	Month 13	Decrease	USD	950	950	850	850
YIB	HRP	Month 13	Decrease	USD	1,045	950	935	850
YIB	Non-HRP	Month 14	Decrease	USD	1,000	1,000	875	875
YIB	HRP	Month 14	Decrease	USD	1,100	1,000	963	875
YIB	Non-HRP	Month 15	Decrease	USD	1,100	1,100	900	900
YIB	HRP	Month 15	Decrease	USD	1,210	1,100	990	900
YIB	Non-HRP	Month 16	Decrease	USD	1,050	1,050	925	925
YIB	HRP	Month 16	Decrease	USD	1,155	1,050	1,018	925
YIB	Non-HRP	Month 17	Decrease	USD	1,075	1,075	950	950
YIB	HRP	Month 17	Decrease	USD	1,183	1,075	1,045	950
YIB	Non-HRP	Month 18	Decrease	USD	1,100	1,100	975	975
YIB	HRP	Month 18	Decrease	USD	1,210	1,100	1,073	975
YIB	Non-HRP	Month 19	Decrease	USD	1,150	1,150	1,025	1,025
YIB	HRP	Month 19	Decrease	USD	1,265	1,150	1,128	1,025
YIB	Non-HRP	Month 20	Decrease	USD	1,200	1,200	1,075	1,075
YIB	HRP	Month 20	Decrease	USD	1,320	1,200	1,183	1,075
YIB	Non-HRP	Month 21	Decrease	USD	1,250	1,250	1,125	1,125
YIB	HRP	Month 21	Decrease	USD	1,375	1,250	1,238	1,125
YIB	Non-HRP	Month 22	Decrease	USD	1,300	1,300	1,150	1,150
YIB	HRP	Month 22	Decrease	USD	1,430	1,300	1,265	1,150
YIB	Non-HRP	Month 23	Decrease	USD	1,325	1,325	1,175	1,175
YIB	HRP	Month 23	Decrease	USD	1,458	1,325	1,293	1,175
YIB	Non-HRP	Month 24	Decrease	USD	1,375	1,375	1,225	1,225
YIB	HRP	Month 24	Decrease	USD	1,513	1,375	1,348	1,225
YIB	Non-HRP	Month 25	Decrease	USD	1,400	1,400	1,250	1,250
YIB	HRP	Month 25	Decrease	USD	1,540	1,400	1,375	1,250
YIB	Non-HRP	Month 26	Decrease	USD	1,450	1,450	1,300	1,300
YIB	HRP	Month 26	Decrease	USD	1,595	1,450	1,430	1,300
YIB	Non-HRP	Month 27	Decrease	USD	1,525	1,525	1,375	1,375
YIB	HRP	Month 27	Decrease	USD	1,678	1,525	1,513	1,375
YIB	Non-HRP	Month 28	Decrease	USD	1,600	1,600	1,450	1,450
YIB	HRP	Month 28	Decrease	USD	1,760	1,600	1,595	1,450
YIB	Non-HRP	Month 29	Decrease	USD	1,650	1,650	1,500	1,500
YIB	HRP	Month 29	Decrease	USD	1,815	1,650	1,650	1,500
YIB	Non-HRP	Month 30	Decrease	USD	1,650	1,650	1,500	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
YIB	HRP	Month 30	Decrease	USD	1,815	1,650	1,650	1,500
YIB	Non-HRP	Month 31	Decrease	USD	1,650	1,650	1,500	1,500
YIB	HRP	Month 31	Decrease	USD	1,815	1,650	1,650	1,500

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

METALS - Outright Rates

COMEX 5000 SILVER FUTURES (SI)

SI	Non-HRP	Mnth1	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth1	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth2	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth2	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth3	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth3	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth4	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth4	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth5	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth5	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth6	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth6	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth7	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth7	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth8	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth8	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth9	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth9	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth10	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth10	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth11	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth11	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth12	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth12	Decrease	USD	10,450	9,500	9,350	8,500
SI	Non-HRP	Mnth13+	Decrease	USD	9,500	9,500	8,500	8,500
SI	HRP	Mnth13+	Decrease	USD	10,450	9,500	9,350	8,500

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	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth1	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth2	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth2	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth3	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth3	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth4	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth4	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth5	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth5	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth6	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth6	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth7	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth7	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth8	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth8	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth9	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth9	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth10	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth10	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth11	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth11	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth12	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth12	Decrease	USD	10,450	9,500	9,350	8,500
SIT	Non-HRP	Mnth13+	Decrease	USD	9,500	9,500	8,500	8,500
SIT	HRP	Mnth13+	Decrease	USD	10,450	9,500	9,350	8,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
COMEX MINY SILVER FUTURES (QI)								
QI	Non-HRP	Mnth1	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth1	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth2	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth2	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth3	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth3	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth4	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth4	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth5	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth5	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth6	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth6	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth7	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth7	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth8	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth8	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth9	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth9	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth10	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth10	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth11	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth11	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth12	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth12	Decrease	USD	5,225	4,750	4,675	4,250
QI	Non-HRP	Mnth13+	Decrease	USD	4,750	4,750	4,250	4,250
QI	HRP	Mnth13+	Decrease	USD	5,225	4,750	4,675	4,250

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 SILVER FUTURES (6Q)

6Q	Non-HRP	Mnth1	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth1	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth2	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth2	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth3	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth3	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth4	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth4	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth5	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth5	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth6	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth6	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth7	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth7	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth8	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth8	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth9	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth9	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth10	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth10	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth11	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth11	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth12	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth12	Decrease	USD	2,090	1,900	1,870	1,700
6Q	Non-HRP	Mnth13+	Decrease	USD	1,900	1,900	1,700	1,700
6Q	HRP	Mnth13+	Decrease	USD	2,090	1,900	1,870	1,700

LITHIUM CARBONATE CIF CJK (FASTMARK (LTC))

LTC	Non-HRP	Mth 1	New	USD			9,800	9,800
LTC	HRP	Mth 1	New	USD			10,780	9,800
LTC	Non-HRP	Mths 2-3	New	USD			9,800	9,800
LTC	HRP	Mths 2-3	New	USD			10,780	9,800
LTC	Non-HRP	Mths 4-6	New	USD			9,800	9,800
LTC	HRP	Mths 4-6	New	USD			10,780	9,800
LTC	Non-HRP	Mths 7+	New	USD			9,800	9,800
LTC	HRP	Mths 7+	New	USD			10,780	9,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MICRO PALLADIUM FUTURES (PAM)								
PAM	Non-HRP	Mnth 1	Decrease	USD	1,800	1,800	1,550	1,550
PAM	HRP	Mnth 1	Decrease	USD	1,980	1,800	1,705	1,550
PAM	Non-HRP	Mnth 2	Decrease	USD	1,750	1,750	1,500	1,500
PAM	HRP	Mnth 2	Decrease	USD	1,925	1,750	1,650	1,500
PAM	Non-HRP	Mnth 3	Decrease	USD	1,750	1,750	1,500	1,500
PAM	HRP	Mnth 3	Decrease	USD	1,925	1,750	1,650	1,500
PAM	Non-HRP	Mnth 4+	Decrease	USD	1,750	1,750	1,500	1,500
PAM	HRP	Mnth 4+	Decrease	USD	1,925	1,750	1,650	1,500
MICRO PLATINUM FUTURES (PLM)								
PLM	Non-HRP	Mths 1	Decrease	USD	640	640	560	560
PLM	HRP	Mths 1	Decrease	USD	704	640	616	560
PLM	Non-HRP	Mths 2+	Decrease	USD	640	640	560	560
PLM	HRP	Mths 2+	Decrease	USD	704	640	616	560

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

MICRO SILVER FUTURES (SIL)

SIL	Non-HRP	Mnth1	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth1	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth2	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth2	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth3	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth3	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth4	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth4	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth5	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth5	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth6	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth6	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth7	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth7	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth8	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth8	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth9	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth9	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth10	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth10	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth11	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth11	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth12	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth12	Decrease	USD	2,090	1,900	1,870	1,700
SIL	Non-HRP	Mnth13+	Decrease	USD	1,900	1,900	1,700	1,700
SIL	HRP	Mnth13+	Decrease	USD	2,090	1,900	1,870	1,700

PALLADIUM FUTURES NYMEX (PA)

PA	Non-HRP	Mnth 1	Decrease	USD	18,000	18,000	15,500	15,500
PA	HRP	Mnth 1	Decrease	USD	19,800	18,000	17,050	15,500
PA	Non-HRP	Mnth 2	Decrease	USD	17,500	17,500	15,000	15,000
PA	HRP	Mnth 2	Decrease	USD	19,250	17,500	16,500	15,000
PA	Non-HRP	Mnth 3	Decrease	USD	17,500	17,500	15,000	15,000
PA	HRP	Mnth 3	Decrease	USD	19,250	17,500	16,500	15,000
PA	Non-HRP	Mnth 4+	Decrease	USD	17,500	17,500	15,000	15,000
PA	HRP	Mnth 4+	Decrease	USD	19,250	17,500	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								
PALLADIUM TAS (PAT)								
PAT	Non-HRP	Mnth 1	Decrease	USD	18,000	18,000	15,500	15,500
PAT	HRP	Mnth 1	Decrease	USD	19,800	18,000	17,050	15,500
PAT	Non-HRP	Mnth 2	Decrease	USD	17,500	17,500	15,000	15,000
PAT	HRP	Mnth 2	Decrease	USD	19,250	17,500	16,500	15,000
PAT	Non-HRP	Mnth 3	Decrease	USD	17,500	17,500	15,000	15,000
PAT	HRP	Mnth 3	Decrease	USD	19,250	17,500	16,500	15,000
PAT	Non-HRP	Mnth 4+	Decrease	USD	17,500	17,500	15,000	15,000
PAT	HRP	Mnth 4+	Decrease	USD	19,250	17,500	16,500	15,000
PLATINUM FUTURES NYMEX (PL)								
PL	Non-HRP	Mths 1	Decrease	USD	3,200	3,200	2,800	2,800
PL	HRP	Mths 1	Decrease	USD	3,520	3,200	3,080	2,800
PL	Non-HRP	Mths 2+	Decrease	USD	3,200	3,200	2,800	2,800
PL	HRP	Mths 2+	Decrease	USD	3,520	3,200	3,080	2,800
PLATINUM FUTURES TAS (PLT)								
PLT	Non-HRP	Mths 1	Decrease	USD	3,200	3,200	2,800	2,800
PLT	HRP	Mths 1	Decrease	USD	3,520	3,200	3,080	2,800
PLT	Non-HRP	Mths 2+	Decrease	USD	3,200	3,200	2,800	2,800
PLT	HRP	Mths 2+	Decrease	USD	3,520	3,200	3,080	2,800
SHANGHAI GOLD (CNH) FUTURES (SGC)								
SGC	Non-HRP	Mths 1-3	Decrease	CNH	16,000	16,000	12,000	12,000
SGC	HRP	Mths 1-3	Decrease	CNH	17,600	16,000	13,200	12,000
SGC	Non-HRP	Mths 4+	Decrease	CNH	16,000	16,000	12,000	12,000
SGC	HRP	Mths 4+	Decrease	CNH	17,600	16,000	13,200	12,000
SHANGHAI GOLD (USD) FUTURES (SGU)								
SGU	Non-HRP	Mths 1-3	Decrease	USD	2,500	2,500	2,000	2,000
SGU	HRP	Mths 1-3	Decrease	USD	2,750	2,500	2,200	2,000
SGU	Non-HRP	Mths 4+	Decrease	USD	2,500	2,500	2,000	2,000
SGU	HRP	Mths 4+	Decrease	USD	2,750	2,500	2,200	2,000
REAL ESTATE - Outright Rates								
MIAMI CSI HOUSING INDEX FUTURES (MIA)								
MIA	Non-HRP		Decrease	USD	2,250	2,250	1,900	1,900
MIA	HRP		Decrease	USD	2,475	2,250	2,090	1,900

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

AGRICULTURE - Intra Spreads

Lean Hog Butterfly 2/3/4 (consecutive) (LEAN HOG FUTURES)

LN	Non-HRP		Increase	USD	825	825	950	950
LN	HRP		Increase	USD	908	825	1,045	950

Lean Hog Butterfly 2/3/4 (consecutive) (LEAN HOGS TRADE AT SETTLE)

HET	Non-HRP		Increase	USD	825	825	950	950
HET	HRP		Increase	USD	908	825	1,045	950

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
METALS - Intra Spreads								
All Months (HMS 80/20 FERROUS SCRAP CFR TURKEY)								
FSF	Non-HRP		Decrease	USD	500	500	300	300
FSF	HRP		Decrease	USD	550	500	330	300
All Months (U.S. MIDWEST #1 BUSHELING FERROUS S)								
BUS	Non-HRP		Decrease	USD	1,650	1,650	1,000	1,000
BUS	HRP		Decrease	USD	1,815	1,650	1,100	1,000
Consecutive Spread - Months 02+ (U.S. MIDWEST DOMESTIC HOT-ROLLED CO)								
HR	Non-HRP		Decrease	USD	1,500	1,500	1,000	1,000
HR	HRP		Decrease	USD	1,650	1,500	1,100	1,000
CX-AEP Month(s) 01-11 vs CX-AEP Month(s) 01-11 (ALUMINIUM EURO PREM METAL BULLETIN)								
AEP	Non-HRP		Decrease	USD	1,700	1,700	1,100	1,100
AEP	HRP		Decrease	USD	1,870	1,700	1,210	1,100
CX-AEP Mth(s) 01-11 vs Mth(s) 12+ (ALUMINIUM EURO PREM METAL BULLETIN)								
AEP	Non-HRP		Decrease	USD	1,300	1,300	1,100	1,100
AEP	HRP		Decrease	USD	1,430	1,300	1,210	1,100
CX-ALA Months 01-04 vs Months 01-04 (ALUMINA FOB AUSTRALIA PLATT FUTURES)								
ALA	Non-HRP		Decrease	USD	7,000	7,000	5,000	5,000
ALA	HRP		Decrease	USD	7,700	7,000	5,500	5,000
CX-ALA Months 01-04 vs Months 05+ (ALUMINA FOB AUSTRALIA PLATT FUTURES)								
ALA	Non-HRP		Decrease	USD	7,000	7,000	5,000	5,000
ALA	HRP		Decrease	USD	7,700	7,000	5,500	5,000
CX-AUP Mnth(s) 01-21 vs. Mnth(s) 01-21 (ALUMINUM MW TRANS PREM PLATTS FUT)								
AUP	Non-HRP		Decrease	USD	1,600	1,600	1,000	1,000
AUP	HRP		Decrease	USD	1,760	1,600	1,100	1,000
CX-AUP Mnth(s) 01-21 vs. Mnth(s) 22+ (ALUMINUM MW TRANS PREM PLATTS FUT)								
AUP	Non-HRP		Decrease	USD	1,600	1,600	1,000	1,000
AUP	HRP		Decrease	USD	1,760	1,600	1,100	1,000
CX-AUP Mnth(s) 22+ vs. Mnth(s) 22+ (ALUMINUM MW TRANS PREM PLATTS FUT)								
AUP	Non-HRP		Decrease	USD	1,500	1,500	1,000	1,000
AUP	HRP		Decrease	USD	1,650	1,500	1,100	1,000
CX-EDP All Months (ALUMINIUM EURO PREM DUTY-PAID FUT)								
EDP	Non-HRP		Decrease	USD	1,400	1,400	1,000	1,000
EDP	HRP		Decrease	USD	1,540	1,400	1,100	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
CX-EDP Consecutive Spread - Months 2+ (ALUMINIUM EURO PREM DUTY-PAID FUT)								
EDP	Non-HRP		Decrease	USD	1,300	1,300	1,000	1,000
EDP	HRP		Decrease	USD	1,430	1,300	1,100	1,000
CX-HDG Month(s) 01-04 vs CX-HDG Month(s) 01-04 (U.S. MIDWEST DOM STEEL PREM(CRU)FUT)								
HDG	Non-HRP		Decrease	USD	1,400	1,400	1,000	1,000
HDG	HRP		Decrease	USD	1,540	1,400	1,100	1,000
CX-HDG Month(s) 01-04 vs CX-HDG Month(s) 05+ (U.S. MIDWEST DOM STEEL PREM(CRU)FUT)								
HDG	Non-HRP		Decrease	USD	1,400	1,400	1,000	1,000
HDG	HRP		Decrease	USD	1,540	1,400	1,100	1,000
CX-HDG Month(s) 05+ vs CX-HDG Month(s) 05+ (U.S. MIDWEST DOM STEEL PREM(CRU)FUT)								
HDG	Non-HRP		Decrease	USD	1,400	1,400	1,000	1,000
HDG	HRP		Decrease	USD	1,540	1,400	1,100	1,000
CX-MJP Month(s) 01-06 vs CX-MJP Month(s) 07+ (ALUMINUM JAPAN PREMIUM (PLATTS) FUT)								
MJP	Non-HRP		Decrease	USD	800	800	600	600
MJP	HRP		Decrease	USD	880	800	660	600
CX-MJP Months 01-06 vs Months 01-06 (ALUMINUM JAPAN PREMIUM (PLATTS) FUT)								
MJP	Non-HRP		Decrease	USD	900	900	600	600
MJP	HRP		Decrease	USD	990	900	660	600
CX-MOX T1 vs T2 (MOLYBDENUM OXIDE PLATTS FUT)								
MOX	Non-HRP		Decrease	USD	4,500	4,500	3,500	3,500
MOX	HRP		Decrease	USD	4,950	4,500	3,850	3,500
CX-MOX T2 vs T2 (MOLYBDENUM OXIDE PLATTS FUT)								
MOX	Non-HRP		Decrease	USD	4,500	4,500	3,500	3,500
MOX	HRP		Decrease	USD	4,950	4,500	3,850	3,500
CX-SI Mnths 01-03 vs. CX-SI Mnths 14+ (COMEX 5000 SILVER FUTURES)								
SI	Non-HRP		Decrease	USD	2,000	2,000	1,200	1,200
SI	HRP		Decrease	USD	2,200	2,000	1,320	1,200
CX-SI Mnths 01-03 vs. CX-SI Mnths 14+ (COMEX 5000 SILVER TRADE AT SETTLE)								
SIT	Non-HRP		Decrease	USD	2,000	2,000	1,200	1,200
SIT	HRP		Decrease	USD	2,200	2,000	1,320	1,200
CX-SI Mnths 01-03 vs. CX-SI Mnths 14+ (COMEX MINY SILVER FUTURES)								
QI	Non-HRP		Decrease	USD	1,000	1,000	600	600
QI	HRP		Decrease	USD	1,100	1,000	660	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
CX-SI Mnths 01-03 vs. CX-SI Mnths 14+ (E-MINI SILVER FUTURES)								
6Q	Non-HRP		Decrease	USD	400	400	240	240
6Q	HRP		Decrease	USD	440	400	264	240
CX-SI Mnths 01-03 vs. CX-SI Mnths 14+ (MICRO SILVER FUTURES)								
SIL	Non-HRP		Decrease	USD	400	400	240	240
SIL	HRP		Decrease	USD	440	400	264	240
CX-SI Mnths 04-06 vs. CX-SI Mnths 14+ (COMEX 5000 SILVER FUTURES)								
SI	Non-HRP		Decrease	USD	2,000	2,000	1,200	1,200
SI	HRP		Decrease	USD	2,200	2,000	1,320	1,200
CX-SI Mnths 04-06 vs. CX-SI Mnths 14+ (COMEX 5000 SILVER TRADE AT SETTLE)								
SIT	Non-HRP		Decrease	USD	2,000	2,000	1,200	1,200
SIT	HRP		Decrease	USD	2,200	2,000	1,320	1,200
CX-SI Mnths 04-06 vs. CX-SI Mnths 14+ (COMEX MINY SILVER FUTURES)								
QI	Non-HRP		Decrease	USD	1,000	1,000	600	600
QI	HRP		Decrease	USD	1,100	1,000	660	600
CX-SI Mnths 04-06 vs. CX-SI Mnths 14+ (E-MINI SILVER FUTURES)								
6Q	Non-HRP		Decrease	USD	400	400	240	240
6Q	HRP		Decrease	USD	440	400	264	240
CX-SI Mnths 04-06 vs. CX-SI Mnths 14+ (MICRO SILVER FUTURES)								
SIL	Non-HRP		Decrease	USD	400	400	240	240
SIL	HRP		Decrease	USD	440	400	264	240
CX-SI Mnths 07-09 vs. CX-SI Mnths 14+ (COMEX 5000 SILVER FUTURES)								
SI	Non-HRP		Decrease	USD	2,000	2,000	1,200	1,200
SI	HRP		Decrease	USD	2,200	2,000	1,320	1,200
CX-SI Mnths 07-09 vs. CX-SI Mnths 14+ (COMEX 5000 SILVER TRADE AT SETTLE)								
SIT	Non-HRP		Decrease	USD	2,000	2,000	1,200	1,200
SIT	HRP		Decrease	USD	2,200	2,000	1,320	1,200
CX-SI Mnths 07-09 vs. CX-SI Mnths 14+ (COMEX MINY SILVER FUTURES)								
QI	Non-HRP		Decrease	USD	1,000	1,000	600	600
QI	HRP		Decrease	USD	1,100	1,000	660	600
CX-SI Mnths 07-09 vs. CX-SI Mnths 14+ (E-MINI SILVER FUTURES)								
6Q	Non-HRP		Decrease	USD	400	400	240	240
6Q	HRP		Decrease	USD	440	400	264	240

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
CX-SI Mnths 07-09 vs. CX-SI Mnths 14+ (MICRO SILVER FUTURES)								
SIL	Non-HRP		Decrease	USD	400	400	240	240
SIL	HRP		Decrease	USD	440	400	264	240
CX-SI Mnths 10-13 vs. CX-SI Mnths 14+ (COMEX 5000 SILVER FUTURES)								
SI	Non-HRP		Decrease	USD	2,000	2,000	1,200	1,200
SI	HRP		Decrease	USD	2,200	2,000	1,320	1,200
CX-SI Mnths 10-13 vs. CX-SI Mnths 14+ (COMEX 5000 SILVER TRADE AT SETTLE)								
SIT	Non-HRP		Decrease	USD	2,000	2,000	1,200	1,200
SIT	HRP		Decrease	USD	2,200	2,000	1,320	1,200
CX-SI Mnths 10-13 vs. CX-SI Mnths 14+ (COMEX MINY SILVER FUTURES)								
QI	Non-HRP		Decrease	USD	1,000	1,000	600	600
QI	HRP		Decrease	USD	1,100	1,000	660	600
CX-SI Mnths 10-13 vs. CX-SI Mnths 14+ (E-MINI SILVER FUTURES)								
6Q	Non-HRP		Decrease	USD	400	400	240	240
6Q	HRP		Decrease	USD	440	400	264	240
CX-SI Mnths 10-13 vs. CX-SI Mnths 14+ (MICRO SILVER FUTURES)								
SIL	Non-HRP		Decrease	USD	400	400	240	240
SIL	HRP		Decrease	USD	440	400	264	240
CX-SI Mnths 14+ vs. CX-SI Mnths 14+ (COMEX 5000 SILVER FUTURES)								
SI	Non-HRP		Decrease	USD	1,500	1,500	1,000	1,000
SI	HRP		Decrease	USD	1,650	1,500	1,100	1,000
CX-SI Mnths 14+ vs. CX-SI Mnths 14+ (COMEX 5000 SILVER TRADE AT SETTLE)								
SIT	Non-HRP		Decrease	USD	1,500	1,500	1,000	1,000
SIT	HRP		Decrease	USD	1,650	1,500	1,100	1,000
CX-SI Mnths 14+ vs. CX-SI Mnths 14+ (COMEX MINY SILVER FUTURES)								
QI	Non-HRP		Decrease	USD	750	750	500	500
QI	HRP		Decrease	USD	825	750	550	500
CX-SI Mnths 14+ vs. CX-SI Mnths 14+ (E-MINI SILVER FUTURES)								
6Q	Non-HRP		Decrease	USD	300	300	200	200
6Q	HRP		Decrease	USD	330	300	220	200
CX-SI Mnths 14+ vs. CX-SI Mnths 14+ (MICRO SILVER FUTURES)								
SIL	Non-HRP		Decrease	USD	300	300	200	200
SIL	HRP		Decrease	USD	330	300	220	200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
CX-TIO Month(s) 02-04 vs CX-TIO Month(s) 02-04 (IRON ORE 62% FE CFR CHINA FUTURES)								
TIO	Non-HRP		Decrease	USD	5,000	5,000	4,500	4,500
TIO	HRP		Decrease	USD	5,500	5,000	4,950	4,500
CX-TIO Month(s) 02-04 vs CX-TIO Month(s) 05-09 (IRON ORE 62% FE CFR CHINA FUTURES)								
TIO	Non-HRP		Decrease	USD	5,500	5,500	4,500	4,500
TIO	HRP		Decrease	USD	6,050	5,500	4,950	4,500
CX-TIO Months 01 vs Months 05-09 (IRON ORE 62% FE CFR CHINA FUTURES)								
TIO	Non-HRP		Decrease	USD	8,000	8,000	5,500	5,500
TIO	HRP		Decrease	USD	8,800	8,000	6,050	5,500
CX-TIO Months 01 vs Months 10+ (IRON ORE 62% FE CFR CHINA FUTURES)								
TIO	Non-HRP		Decrease	USD	7,500	7,500	5,500	5,500
TIO	HRP		Decrease	USD	8,250	7,500	6,050	5,500
LTC Month 1 vs 2~3 (LITHIUM CARBONATE CIF CJK (FASTMARK))								
LTC	Non-HRP		New	USD			7,500	7,500
LTC	HRP		New	USD			8,250	7,500
LTC Month 1 vs 4~6 (LITHIUM CARBONATE CIF CJK (FASTMARK))								
LTC	Non-HRP		New	USD			7,500	7,500
LTC	HRP		New	USD			8,250	7,500
LTC Month 1 vs 7+ (LITHIUM CARBONATE CIF CJK (FASTMARK))								
LTC	Non-HRP		New	USD			7,500	7,500
LTC	HRP		New	USD			8,250	7,500
LTC Month 2~3 vs 2~3 (LITHIUM CARBONATE CIF CJK (FASTMARK))								
LTC	Non-HRP		New	USD			6,000	6,000
LTC	HRP		New	USD			6,600	6,000
LTC Month 2~3 vs 4~6 (LITHIUM CARBONATE CIF CJK (FASTMARK))								
LTC	Non-HRP		New	USD			6,500	6,500
LTC	HRP		New	USD			7,150	6,500
LTC Month 2~3 vs 7+ (LITHIUM CARBONATE CIF CJK (FASTMARK))								
LTC	Non-HRP		New	USD			6,500	6,500
LTC	HRP		New	USD			7,150	6,500
LTC Month 4~6 vs 4~6 (LITHIUM CARBONATE CIF CJK (FASTMARK))								
LTC	Non-HRP		New	USD			6,000	6,000
LTC	HRP		New	USD			6,600	6,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
LTC Month 4-6 vs 7+ (LITHIUM CARBONATE CIF CJK (FASTMARK))								
LTC	Non-HRP		New	USD			6,000	6,000
LTC	HRP		New	USD			6,600	6,000
LTC Month 7+ vs 7+ (LITHIUM CARBONATE CIF CJK (FASTMARK))								
LTC	Non-HRP		New	USD			3,500	3,500
LTC	HRP		New	USD			3,850	3,500
Months 01 vs Months 02-04 (IRON ORE 62% FE CFR CHINA FUTURES)								
TIO	Non-HRP		Decrease	USD	9,000	9,000	6,500	6,500
TIO	HRP		Decrease	USD	9,900	9,000	7,150	6,500
Months 02-03 vs. Months 02-03 (COBALT METAL (FASTMARKETS) FUT)								
COB	Non-HRP		Decrease	USD	5,600	5,600	4,000	4,000
COB	HRP		Decrease	USD	6,160	5,600	4,400	4,000
Months 02-03 vs. Months 04-06 (COBALT METAL (FASTMARKETS) FUT)								
COB	Non-HRP		Decrease	USD	5,600	5,600	4,000	4,000
COB	HRP		Decrease	USD	6,160	5,600	4,400	4,000
Months 02-03 vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)								
COB	Non-HRP		Decrease	USD	5,600	5,600	4,000	4,000
COB	HRP		Decrease	USD	6,160	5,600	4,400	4,000
Months 02-10 vs. Months 02-10 (U.S. MIDWEST DOMESTIC HOT-ROLLED CO)								
HR	Non-HRP		Decrease	USD	1,400	1,400	1,200	1,200
HR	HRP		Decrease	USD	1,540	1,400	1,320	1,200
Months 02-10 vs. Months 11+ (U.S. MIDWEST DOMESTIC HOT-ROLLED CO)								
HR	Non-HRP		Decrease	USD	1,400	1,400	1,200	1,200
HR	HRP		Decrease	USD	1,540	1,400	1,320	1,200
Months 04-06 vs. Months 04-06 (COBALT METAL (FASTMARKETS) FUT)								
COB	Non-HRP		Decrease	USD	5,600	5,600	4,000	4,000
COB	HRP		Decrease	USD	6,160	5,600	4,400	4,000
Months 04-06 vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)								
COB	Non-HRP		Decrease	USD	5,600	5,600	4,000	4,000
COB	HRP		Decrease	USD	6,160	5,600	4,400	4,000
Months 07+ vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)								
COB	Non-HRP		Decrease	USD	5,600	5,600	4,000	4,000
COB	HRP		Decrease	USD	6,160	5,600	4,400	4,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Months 11+ vs. Months 11+ (U.S. MIDWEST DOMESTIC HOT-ROLLED CO)								
HR	Non-HRP		Decrease	USD	1,400	1,400	1,000	1,000
HR	HRP		Decrease	USD	1,540	1,400	1,100	1,000
Mths 01-04 vs Mths 01-04 (ALUMINUM FUTURES)								
ALI	Non-HRP		Decrease	USD	1,500	1,500	1,000	1,000
ALI	HRP		Decrease	USD	1,650	1,500	1,100	1,000
Mths 01-04 vs Mths 05+ (ALUMINUM FUTURES)								
ALI	Non-HRP		Decrease	USD	1,500	1,500	1,000	1,000
ALI	HRP		Decrease	USD	1,650	1,500	1,100	1,000
Mths 05+ vs Mths 05+ (ALUMINUM FUTURES)								
ALI	Non-HRP		Decrease	USD	1,500	1,500	1,000	1,000
ALI	HRP		Decrease	USD	1,650	1,500	1,100	1,000
Palladium - Month(s) 01 vs Month(s) 02 (MICRO PALLADIUM FUTURES)								
PAM	Non-HRP		Decrease	USD	170	170	150	150
PAM	HRP		Decrease	USD	187	170	165	150
Palladium - Month(s) 01 vs Month(s) 02 (PALLADIUM FUTURES NYMEX)								
PA	Non-HRP		Decrease	USD	1,700	1,700	1,500	1,500
PA	HRP		Decrease	USD	1,870	1,700	1,650	1,500
Palladium - Month(s) 01 vs Month(s) 02 (PALLADIUM TAS)								
PAT	Non-HRP		Decrease	USD	1,700	1,700	1,500	1,500
PAT	HRP		Decrease	USD	1,870	1,700	1,650	1,500
Palladium - Month(s) 01 vs Month(s) 03 (MICRO PALLADIUM FUTURES)								
PAM	Non-HRP		Decrease	USD	170	170	150	150
PAM	HRP		Decrease	USD	187	170	165	150
Palladium - Month(s) 01 vs Month(s) 03 (PALLADIUM FUTURES NYMEX)								
PA	Non-HRP		Decrease	USD	1,700	1,700	1,500	1,500
PA	HRP		Decrease	USD	1,870	1,700	1,650	1,500
Palladium - Month(s) 01 vs Month(s) 03 (PALLADIUM TAS)								
PAT	Non-HRP		Decrease	USD	1,700	1,700	1,500	1,500
PAT	HRP		Decrease	USD	1,870	1,700	1,650	1,500
Palladium - Month(s) 02 vs Month(s) 03 (MICRO PALLADIUM FUTURES)								
PAM	Non-HRP		Decrease	USD	200	200	150	150
PAM	HRP		Decrease	USD	220	200	165	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Palladium - Month(s) 02 vs Month(s) 03 (PALLADIUM FUTURES NYMEX)								
PA	Non-HRP		Decrease	USD	2,000	2,000	1,500	1,500
PA	HRP		Decrease	USD	2,200	2,000	1,650	1,500
Palladium - Month(s) 02 vs Month(s) 03 (PALLADIUM TAS)								
PAT	Non-HRP		Decrease	USD	2,000	2,000	1,500	1,500
PAT	HRP		Decrease	USD	2,200	2,000	1,650	1,500
Palladium - Month(s) 02 vs Month(s) 04+ (MICRO PALLADIUM FUTURES)								
PAM	Non-HRP		Decrease	USD	200	200	150	150
PAM	HRP		Decrease	USD	220	200	165	150
Palladium - Month(s) 02 vs Month(s) 04+ (PALLADIUM FUTURES NYMEX)								
PA	Non-HRP		Decrease	USD	2,000	2,000	1,500	1,500
PA	HRP		Decrease	USD	2,200	2,000	1,650	1,500
Palladium - Month(s) 02 vs Month(s) 04+ (PALLADIUM TAS)								
PAT	Non-HRP		Decrease	USD	2,000	2,000	1,500	1,500
PAT	HRP		Decrease	USD	2,200	2,000	1,650	1,500
Palladium - Month(s) 03 vs Month(s) 04+ (MICRO PALLADIUM FUTURES)								
PAM	Non-HRP		Decrease	USD	250	250	150	150
PAM	HRP		Decrease	USD	275	250	165	150
Palladium - Month(s) 03 vs Month(s) 04+ (PALLADIUM FUTURES NYMEX)								
PA	Non-HRP		Decrease	USD	2,500	2,500	1,500	1,500
PA	HRP		Decrease	USD	2,750	2,500	1,650	1,500
Palladium - Month(s) 03 vs Month(s) 04+ (PALLADIUM TAS)								
PAT	Non-HRP		Decrease	USD	2,500	2,500	1,500	1,500
PAT	HRP		Decrease	USD	2,750	2,500	1,650	1,500
Palladium - Month(s) 04+ vs Month(s) 04+ (MICRO PALLADIUM FUTURES)								
PAM	Non-HRP		Decrease	USD	250	250	150	150
PAM	HRP		Decrease	USD	275	250	165	150
Palladium - Month(s) 04+ vs Month(s) 04+ (PALLADIUM FUTURES NYMEX)								
PA	Non-HRP		Decrease	USD	2,500	2,500	1,500	1,500
PA	HRP		Decrease	USD	2,750	2,500	1,650	1,500
Palladium - Month(s) 04+ vs Month(s) 04+ (PALLADIUM TAS)								
PAT	Non-HRP		Decrease	USD	2,500	2,500	1,500	1,500
PAT	HRP		Decrease	USD	2,750	2,500	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								
Palladium - Tier 2 vs Tier 2 (MICRO PALLADIUM FUTURES)								
PAM	Non-HRP		Decrease	USD	350	350	150	150
PAM	HRP		Decrease	USD	385	350	165	150
Palladium - Tier 2 vs Tier 2 (PALLADIUM FUTURES NYMEX)								
PA	Non-HRP		Decrease	USD	3,500	3,500	1,500	1,500
PA	HRP		Decrease	USD	3,850	3,500	1,650	1,500
Palladium - Tier 2 vs Tier 2 (PALLADIUM TAS)								
PAT	Non-HRP		Decrease	USD	3,500	3,500	1,500	1,500
PAT	HRP		Decrease	USD	3,850	3,500	1,650	1,500
Palladium - Tier 3 vs Tier 3 (MICRO PALLADIUM FUTURES)								
PAM	Non-HRP		Decrease	USD	350	350	150	150
PAM	HRP		Decrease	USD	385	350	165	150
Palladium - Tier 3 vs Tier 3 (PALLADIUM FUTURES NYMEX)								
PA	Non-HRP		Decrease	USD	3,500	3,500	1,500	1,500
PA	HRP		Decrease	USD	3,850	3,500	1,650	1,500
Palladium - Tier 3 vs Tier 3 (PALLADIUM TAS)								
PAT	Non-HRP		Decrease	USD	3,500	3,500	1,500	1,500
PAT	HRP		Decrease	USD	3,850	3,500	1,650	1,500

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
FX - Inter-commodity Spread Rates						
KILO GOLD FUTURES (CX-GCK - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+2:-1	20%	20%	0%	0%
METALS - Inter-commodity Spread Rates						
(CX-LTC - CME) vs (CX-MOX - CME)						
Spread Credit Rate	New	+1:-2			60%	60%
(CX-LTH - CME) vs (CX-LTC - CME)						
Spread Credit Rate	New	+1:-1			75%	75%
KILO GOLD FUTURES (CX-GCK - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+2:-1	20%	20%	0%	0%