21-424

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Tuesday, November 16, 2021

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

Wednesday, November 17, 2021.

Current rates as of:

Tuesday, November 16, 2021.

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

FX - Outright Rates

US DOLLARS/CHILEAN PESO FUTURES (CHL)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
CHL	Spec	Jan 14 - Dec 14	Increase	USD	2,200	2,000	2,970	2,700
CHL	Hedge/Member	Jan 14 - Dec 14	Increase	USD	2,000	2,000	2,700	2,700
CHL	Spec	Jan15 - Dec15	Increase	USD	2,200	2,000	2,970	2,700
CHL	Hedge/Member	Jan15 - Dec15	Increase	USD	2,000	2,000	2,700	2,700
CHL	Spec	Jan16 - Dec16	Increase	USD	2,200	2,000	2,970	2,700
CHL	Hedge/Member	Jan16 - Dec16	Increase	USD	2,000	2,000	2,700	2,700
CHL	Spec	Jan17+	Increase	USD	2,200	2,000	2,970	2,700
CHL	Hedge/Member	Jan17+	Increase	USD	2,000	2,000	2,700	2,700

INTEREST RATES - Outright Rates

MEXICAN FUNDING TIIE (MTH CTRT) FUT (TIE)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
TIE	Spec	Month 1	Increase	MXN	8,140	7,400	9,460	8,600
TIE	Hedge/Member	Month 1	Increase	MXN	7,400	7,400	8,600	8,600
TIE	Spec	Month 2	Increase	MXN	8,360	7,600	9,460	8,600
TIE	Hedge/Member	Month 2	Increase	MXN	7,600	7,600	8,600	8,600
TIE	Spec	Month 3	Increase	MXN	8,580	7,800	9,460	8,600
TIE	Hedge/Member	Month 3	Increase	MXN	7,800	7,800	8,600	8,600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NGL/PETROCHEMICALS - Outright Rates								
MT BELVIEU ISO BUTANE 5 DEC. S (8I)								
8I	Spec	Mnths 2	Increase	USD	3,300	3,000	3,520	3,200
8I	Hedge/Member	Mnths 2	Increase	USD	3,000	3,000	3,200	3,200
8I	Spec	Mnth 3-4	Increase	USD	2,970	2,700	3,190	2,900
8I	Hedge/Member	Mnth 3-4	Increase	USD	2,700	2,700	2,900	2,900
MT BELVIEU LDH ISO-BUTANE(OPIS) FUT (MBL)								
MBL	Spec	Mnth1	Increase	USD	3,960	3,600	4,180	3,800
MBL	Hedge/Member	Mnth1	Increase	USD	3,600	3,600	3,800	3,800
MBL	Spec	Mnth2	Increase	USD	3,740	3,400	3,960	3,600
MBL	Hedge/Member	Mnth2	Increase	USD	3,400	3,400	3,600	3,600
MBL	Spec	Mnth3+	Increase	USD	2,860	2,600	3,520	3,200
MBL	Hedge/Member	Mnth3+	Increase	USD	2,600	2,600	3,200	3,200
MT BELVIEU NORMAL BUTANE LDH(OPIS) (MNB)								
MNB	Spec	Mnth 3+	Increase	USD	2,750	2,500	3,190	2,900
MNB	Hedge/Member	Mnth 3+	Increase	USD	2,500	2,500	2,900	2,900
PGP POLYMER GRD PROPYLENE CAL FUT (PGP)								
PGP	Spec	Mth 1	Decrease	USD	13,200	12,000	11,000	10,000
PGP	Hedge/Member	Mth 1	Decrease	USD	12,000	12,000	10,000	10,000
PGP	Spec	Mth 2+	Decrease	USD	12,650	11,500	9,900	9,000
PGP	Hedge/Member	Mth 2+	Decrease	USD	11,500	11,500	9,000	9,000

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

MEXICAN Monthly F-TIIE Future Calendar Spreads (MEXICAN FUNDING TIIE (MTH CTRT) FUT)

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
TIE	Spec		Increase	MXN	6,050	5,500	8,800	8,000
TIE	Hedge/Member		Increase	MXN	5,500	5,500	8,000	8,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
INTEREST RATES - Inter-commodity Spread Rates						
10-Year Micro Yield Future (10Y) vs 30-Year Micro Yield Future (30Y)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	70%	70%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 01						
Spread Credit Rate	Decrease	+2:-3	50%	50%	40%	40%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 02						
Spread Credit Rate	Decrease	+2:-3	65%	65%	60%	60%
2 Year Treasury Note (26) vs. Fed Funds (CBOT) (41) Tier 3 (Months 5-12)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	60%	60%
2 Year Treasury Note (26) vs. Fed Funds (CBOT) (41) Tier 4 (Months 13-24)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	60%	60%
2 Year Treasury Note (26) vs. Fed Funds (CBOT) (41) Tier 5 (Months 25+)						
Spread Credit Rate	Decrease	+1:-1	75%	75%	65%	65%
2-Year Micro Yield Future (2YY) vs 1-Month SOFR Future (SR1) contract 1						
Spread Credit Rate	Decrease	+4:+1	60%	60%	50%	50%
2-Year Micro Yield Future (2YY) vs 1-Month SOFR Future (SR1) contract 2						
Spread Credit Rate	Decrease	+4:+1	65%	65%	55%	55%
2-Year Micro Yield Future (2YY) vs 1-Month SOFR Future (SR1) contract 3						
Spread Credit Rate	Decrease	+4:+1	70%	70%	60%	60%
2-Year Micro Yield Future (2YY) vs 1-Month SOFR Future (SR1) contract 4						
Spread Credit Rate	Decrease	+4:+1	70%	70%	60%	60%
2-Year Micro Yield Future (2YY) vs 1-Month SOFR Future (SR1) contract 5						
Spread Credit Rate	Decrease	+4:+1	70%	70%	60%	60%
2-Year Micro Yield Future (2YY) vs 1-Month SOFR Future (SR1) contract 6						
Spread Credit Rate	Decrease	+4:+1	70%	70%	60%	60%
2-Year Micro Yield Future (2YY) vs 1-Month SOFR Future (SR1) contracts 7+						
Spread Credit Rate	Decrease	+4:+1	70%	70%	60%	60%
2-Year Micro Yield Future (2YY) vs 3-Month SOFR Future (SR3) contract 1						
Spread Credit Rate	Decrease	+5:+2	65%	65%	55%	55%
2-Year Micro Yield Future (2YY) vs 3-Month SOFR Future (SR3) contract 2						
Spread Credit Rate	Decrease	+5:+2	66%	66%	55%	55%
2-Year Micro Yield Future (2YY) vs 3-Month SOFR Future (SR3) contract 3						
Spread Credit Rate	Decrease	+5:+2	70%	70%	60%	60%
2-Year Micro Yield Future (2YY) vs 3-Month SOFR Future (SR3) contracts 4-5						

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
Spread Credit Rate	Decrease	+5:+2	70%	70%	60%	60%
2-Year Micro Yield Future (2YY) vs Eurodolar Future (ED) contracts 1-3						
Spread Credit Rate	Decrease	+5:+2	65%	65%	55%	55%
2-Year Micro Yield Future (2YY) vs Eurodolar Future (ED) contracts 4-8						
Spread Credit Rate	Decrease	+5:+2	70%	70%	60%	60%
2-Year Micro Yield Future (2YY) vs Eurodolar Future (ED) contracts 9-12						
Spread Credit Rate	Decrease	+5:+2	75%	75%	65%	65%
2-Year Micro Yield Future (2YY) vs Fed Fund Future (41) contract 1						
Spread Credit Rate	Decrease	+4:+1	65%	65%	50%	50%
2-Year Micro Yield Future (2YY) vs Fed Fund Future (41) contracts 2-5						
Spread Credit Rate	Decrease	+4:+1	70%	70%	60%	60%
2-Year Micro Yield Future (2YY) vs Fed Fund Future (41) contracts 6-8						
Spread Credit Rate	Decrease	+4:+1	70%	70%	60%	60%
2-Year Micro Yield Future (2YY) vs Fed Fund Future (41) contracts 9-12						
Spread Credit Rate	Decrease	+4:+1	70%	70%	60%	60%
3 YEAR NOTE (3YR - CME) vs FED FUNDS Tier 2 (41 - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	60%	60%
3 YEAR NOTE (3YR - CME) vs FED FUNDS Tier 3 (41 - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
3 YEAR NOTE (3YR - CME) vs FED FUNDS Tier 4 (41 - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	60%	60%
3 YEAR NOTE (3YR - CME) vs FED FUNDS Tier 5 (41 - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	60%	60%
30-Year Micro Yield Future (30Y) vs 3-Month SOFR Future (SR3) contracts 13-16						
Spread Credit Rate	Decrease	+5:+2	65%	65%	50%	50%
30-Year Micro Yield Future (30Y) vs 3-Month SOFR Future (SR3) contracts 17+						
Spread Credit Rate	Decrease	+5:+2	65%	65%	50%	50%
30-Year Micro Yield Future (30Y) vs Eurodollar Future (ED) contracts 29-32						
Spread Credit Rate	Decrease	+5:+2	70%	70%	65%	65%
30-Year Micro Yield Future (30Y) vs Eurodollar Future (ED) contracts 33-36						
Spread Credit Rate	Decrease	+5:+2	70%	70%	65%	65%
30-Year Micro Yield Future (30Y) vs Eurodollar Future (ED) contracts 37-40						
Spread Credit Rate	Decrease	+5:+2	60%	60%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
30-Year Micro Yield Future (30Y) vs Eurodollar Future (ED) contracts 41+						
Spread Credit Rate	Decrease	+5:+2	60%	60%	50%	50%
3M SOFR FUTURES (SR3 - CME) Month 1 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	40%	40%	30%	30%
3M SOFR FUTURES (SR3 - CME) Month 2 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	60%	60%	50%	50%
3M SOFR FUTURES (SR3 - CME) Month 3 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	75%	75%	60%	60%
3M SOFR FUTURES (SR3 - CME) Months 4-5 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	75%	75%	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 6-8 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	75%	75%	65%	65%
5 Year Treasury Note (25) vs. Fed Funds (CBOT) (41) Tier 2 (Months 2-4)						
Spread Credit Rate	Decrease	+3:-2	45%	45%	25%	25%
5 Year Treasury Note (25) vs. Fed Funds (CBOT) (41) Tier 3 (Months 5-12)						
Spread Credit Rate	Decrease	+2:-3	60%	60%	55%	55%
5-Year Micro Yield Future (5YY) vs 1-Month SOFR Future (SR1) contract 1						
Spread Credit Rate	Decrease	+4:+1	40%	40%	25%	25%
5-Year Micro Yield Future (5YY) vs 1-Month SOFR Future (SR1) contract 2						
Spread Credit Rate	Decrease	+4:+1	40%	40%	30%	30%
5-Year Micro Yield Future (5YY) vs 1-Month SOFR Future (SR1) contract 3						
Spread Credit Rate	Decrease	+4:+1	45%	45%	35%	35%
5-Year Micro Yield Future (5YY) vs 1-Month SOFR Future (SR1) contract 4						
Spread Credit Rate	Decrease	+4:+1	50%	50%	40%	40%
5-Year Micro Yield Future (5YY) vs 1-Month SOFR Future (SR1) contract 5						
Spread Credit Rate	Decrease	+4:+1	50%	50%	45%	45%
5-Year Micro Yield Future (5YY) vs 1-Month SOFR Future (SR1) contract 6						
Spread Credit Rate	Decrease	+4:+1	50%	50%	45%	45%
5-Year Micro Yield Future (5YY) vs 1-Month SOFR Future (SR1) contracts 7+						
Spread Credit Rate	Decrease	+4:+1	55%	55%	45%	45%
5-Year Micro Yield Future (5YY) vs 3-Month SOFR Future (SR3) contract 1						
Spread Credit Rate	Decrease	+5:+2	50%	50%	35%	35%
5-Year Micro Yield Future (5YY) vs 3-Month SOFR Future (SR3) contract 2						
Spread Credit Rate	Decrease	+5:+2	55%	55%	35%	35%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
5-Year Micro Yield Future (5YY) vs 3-Month SOFR Future (SR3) contract 3						
Spread Credit Rate	Decrease	+5:+2	55%	55%	50%	50%
5-Year Micro Yield Future (5YY) vs Eurodollar Future (ED) contracts 1-3						
Spread Credit Rate	Decrease	+5:+2	50%	50%	35%	35%
5-Year Micro Yield Future (5YY) vs Eurodollar Future (ED) contracts 4-8						
Spread Credit Rate	Decrease	+5:+2	55%	55%	50%	50%
5-Year Micro Yield Future (5YY) vs Fed Fund Future (41) contract 1						
Spread Credit Rate	Decrease	+4:+1	40%	40%	25%	25%
5-Year Micro Yield Future (5YY) vs Fed Fund Future (41) contracts 2-5						
Spread Credit Rate	Decrease	+4:+1	50%	50%	30%	30%
5-Year Micro Yield Future (5YY) vs Fed Fund Future (41) contracts 6-8						
Spread Credit Rate	Decrease	+4:+1	55%	55%	45%	45%

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
CRUDE OIL SPREADS - Volatility Scan (volScan) Rate						
WTI-BRENT (ICE) BULLET SWAP FUTURES (BV, BY) - volScan						
Clearing Member Rate	Mnths 2-4	Increase		10.000%		14.000%
Clearing Member Rate	Mnths 5-8	Increase		6.000%		9.000%
Clearing Member Rate	Mnths 9-12	Increase		6.000%		9.000%
Clearing Member Rate	Mnth 13+	Increase		6.000%		9.000%