CME Group

TO:	Clearing Member Firms Chief Financial Officers Back Office Managers Margin Managers
FROM:	CME Clearing
SUBJECT:	Performance Bond Requirements
DATE:	Wednesday, May 02, 2018

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 following rates will be effective as of commencement of trading on Sunday evening, May 6th, 2018.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Initial	Maintenance
Outright Margin Rates						
INTEREST RATES – Outright Margin Rates						
ONE-MONTH SOFR FUTURES (SR1)						
SR1	Spec	Month 1	New	USD	275	250
SR1	Hedge/Member	Month 1	New	USD	250	250
SR1	Spec	Month 2	New	USD	275	250
SR1	Hedge/Member	Month 2	New	USD	250	250
SR1	Spec	Month 3	New	USD	308	280
SR1	Hedge/Member	Month 3	New	USD	280	280
SR1	Spec	Month 4	New	USD	308	280
SR1	Hedge/Member	Month 4	New	USD	280	280
SR1	Spec	Month 5	New	USD	341	310
SR1	Hedge/Member	Month 5	New	USD	310	310
SR1	Spec	Month 6	New	USD	374	340
SR1	Hedge/Member	Month 6	New	USD	340	340
SR1	Spec	Month 7	New	USD	440	400
SR1	Hedge/Member	Month 7	New	USD	400	400
THREE-MONTH SOFR FUTURES (SR3)						
SR3	Spec	Months 1-3	New	USD	231	210
SR3	Hedge/Member	Months 1-3	New	USD	210	210
SR3	Spec	Months 4-8	New	USD	380	345
SR3	Hedge/Member	Months 4-8	New	USD	345	345
SR3	Spec	Months 9-12	New	USD	501	455
SR3	Hedge/Member	Months 9-12	New	USD	455	455
SR3	Spec	Months 13-16	New	USD	561	510
SR3	Hedge/Member	Months 13-16	New	USD	510	510
SR3	Spec	Months 17+	New	USD	600	545
SR3	Hedge/Member	Months 17+	New	USD	545	545

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Initial	Maintenance

Intra-Commodity Spread Charges

INTEREST RATES – Intra-Commodity Spread Charges

1M SOFR Intra Months 1 vs 2 (ONE-MONTH SOFR FUTURES)

CC	Rate Type	Change	ISO	Initial	Maintenance
SR1	Spec	New	USD	132	120
SR1	Hedge/Member	New	USD	120	120

1M SOFR Intra Months 1 vs 3 (ONE-MONTH SOFR FUTURES)

CC	Rate Type	Change	ISO	Initial	Maintenance
SR1	Spec	New	USD	204	185
SR1	Hedge/Member	New	USD	185	185

1M SOFR Intra Months 1 vs 4 (ONE-MONTH SOFR FUTURES)

CC	Rate Type	Change	ISO	Initial	Maintenance
SR1	Spec	New	USD	248	225
SR1	Hedge/Member	New	USD	225	225

1M SOFR Intra Months 1 vs 5 (ONE-MONTH SOFR FUTURES)

CC	Rate Type	Change	ISO	Initial	Maintenance
SR1	Spec	New	USD	264	240
SR1	Hedge/Member	New	USD	240	240

1M SOFR Intra Months 1 vs 6 (ONE-MONTH SOFR FUTURES)

CC	Rate Type	Change	ISO	Initial	Maintenance
SR1	Spec	New	USD	325	295
SR1	Hedge/Member	New	USD	295	295

1M SOFR Intra Months 1 vs 7 (ONE-MONTH SOFR FUTURES)

CC	Rate Type	Change	ISO	Initial	Maintenance
SR1	Spec	New	USD	358	325
SR1	Hedge/Member	New	USD	325	325

1M SOFR Intra Months 2 vs 3 (ONE-MONTH SOFR FUTURES)

CC	Rate Type	Change	ISO	Initial	Maintenance
SR1	Spec	New	USD	132	120
SR1	Hedge/Member	New	USD	120	120

1M SOFR Intra Months 2 vs 4 (ONE-MONTH SOFR FUTURES)

CC	Rate Type	Change	ISO	Initial	Maintenance
SR1	Spec	New	USD	198	180
SR1	Hedge/Member	New	USD	180	180

1M SOFR Intra Months 2 vs 5 (ONE-MONTH SOFR FUTURES)

CC	Rate Type	Change	ISO	Initial	Maintenance
SR1	Spec	New	USD	220	200
SR1	Hedge/Member	New	USD	200	200

1M SOFR Intra Months 2 vs 6 (ONE-MONTH SOFR FUTURES)

CC	Rate Type	Change	ISO	Initial	Maintenance
SR1	Spec	New	USD	264	240
SR1	Hedge/Member	New	USD	240	240

1M SOFR Intra Months 2 vs 7 (ONE-MONTH SOFR FUTURES)

CC	Rate Type	Change	ISO	Initial	Maintenance
SR1	Spec	New	USD	325	295
SR1	Hedge/Member	New	USD	295	295

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Initial	Maintenance
Intra-Commodity Spread Charges						
1M SOFR Intra Months 3 vs 4 (ONE-MONTH SOFR FUTURES)						
SR1	Spec		New	USD	132	120
SR1	Hedge/Member		New	USD	120	120
1M SOFR Intra Months 3 vs 5 (ONE-MONTH SOFR FUTURES)						
SR1	Spec		New	USD	198	180
SR1	Hedge/Member		New	USD	180	180
1M SOFR Intra Months 3 vs 6 (ONE-MONTH SOFR FUTURES)						
SR1	Spec		New	USD	220	200
SR1	Hedge/Member		New	USD	200	200
1M SOFR Intra Months 3 vs 7 (ONE-MONTH SOFR FUTURES)						
SR1	Spec		New	USD	242	220
SR1	Hedge/Member		New	USD	220	220
1M SOFR Intra Months 4 vs 5 (ONE-MONTH SOFR FUTURES)						
SR1	Spec		New	USD	132	120
SR1	Hedge/Member		New	USD	120	120
1M SOFR Intra Months 4 vs 6 (ONE-MONTH SOFR FUTURES)						
SR1	Spec		New	USD	198	180
SR1	Hedge/Member		New	USD	180	180
1M SOFR Intra Months 4 vs 7 (ONE-MONTH SOFR FUTURES)						
SR1	Spec		New	USD	198	180
SR1	Hedge/Member		New	USD	180	180
1M SOFR Intra Months 5 vs 6 (ONE-MONTH SOFR FUTURES)						
SR1	Spec		New	USD	132	120
SR1	Hedge/Member		New	USD	120	120
1M SOFR Intra Months 5 vs 7 (ONE-MONTH SOFR FUTURES)						
SR1	Spec		New	USD	171	155
SR1	Hedge/Member		New	USD	155	155
1M SOFR Intra Months 6 vs 7 (ONE-MONTH SOFR FUTURES)						
SR1	Spec		New	USD	132	120
SR1	Hedge/Member		New	USD	120	120
3M SOFR Intra Months 1-3 vs Months 1-3 (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	116	105
SR3	Hedge/Member		New	USD	105	105

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Initial	Maintenance
Intra-Commodity Spread Charges						
3M SOFR Intra Months 1-3 vs Months 13-16 (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	572	520
SR3	Hedge/Member		New	USD	520	520
3M SOFR Intra Months 1-3 vs Months 17+ (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	649	590
SR3	Hedge/Member		New	USD	590	590
3M SOFR Intra Months 1-3 vs Months 4-8 (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	220	200
SR3	Hedge/Member		New	USD	200	200
3M SOFR Intra Months 1-3 vs Months 9-12 (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	457	415
SR3	Hedge/Member		New	USD	415	415
3M SOFR Intra Months 13-16 vs Months 13-16 (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	154	140
SR3	Hedge/Member		New	USD	140	140
3M SOFR Intra Months 13-16 vs Months 17+ (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	248	225
SR3	Hedge/Member		New	USD	225	225
3M SOFR Intra Months 17+ vs Months 17+ (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	110	100
SR3	Hedge/Member		New	USD	100	100
3M SOFR Intra Months 4-8 vs Months 13-16 (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	556	505
SR3	Hedge/Member		New	USD	505	505
3M SOFR Intra Months 4-8 vs Months 17+ (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	605	550
SR3	Hedge/Member		New	USD	550	550
3M SOFR Intra Months 4-8 vs Months 4-8 (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	220	200
SR3	Hedge/Member		New	USD	200	200
3M SOFR Intra Months 4-8 vs Months 9-12 (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	457	415
SR3	Hedge/Member		New	USD	415	415

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Initial	Maintenance
Intra-Commodity Spread Charges						
3M SOFR Intra Months 9-12 vs Months 13-16 (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	347	315
SR3	Hedge/Member		New	USD	315	315
3M SOFR Intra Months 9-12 vs Months 17+ (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	435	395
SR3	Hedge/Member		New	USD	395	395
3M SOFR Intra Months 9-12 vs Months 9-12 (THREE-MONTH SOFR FUTURES)						
SR3	Spec		New	USD	204	185
SR3	Hedge/Member		New	USD	185	185

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
INTEREST RATES - Inter-commodity Spread Rates				
1M SOFR FUTURES (SR1 - CME) All Months vs FED FUNDS (41 - CME) All Months				
Spread Credit Rate	New	+1:-1	70%	70%
1M SOFR FUTURES (SR1 - CME) Month 1 vs 3M SOFR FUTURES (SR3 - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 1 vs 3M SOFR FUTURES (SR3 - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	30%	30%
1M SOFR FUTURES (SR1 - CME) Month 1 vs 3M SOFR FUTURES (SR3 - CME) Months 17+				
Spread Credit Rate	New	+3:-5	30%	30%
1M SOFR FUTURES (SR1 - CME) Month 1 vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 1 vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	30%	30%
1M SOFR FUTURES (SR1 - CME) Month 1 vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+3:-5	30%	30%
1M SOFR FUTURES (SR1 - CME) Month 1 vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+3:-5	30%	30%
1M SOFR FUTURES (SR1 - CME) Month 1 vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+3:-5	30%	30%
1M SOFR FUTURES (SR1 - CME) Month 1 vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+3:-5	30%	30%
1M SOFR FUTURES (SR1 - CME) Month 1 vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+3:-5	30%	30%
1M SOFR FUTURES (SR1 - CME) Month 1 vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+3:-5	30%	30%
1M SOFR FUTURES (SR1 - CME) Month 1 vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+3:-5	30%	30%
1M SOFR FUTURES (SR1 - CME) Month 1 vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 1 vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	30%	30%
1M SOFR FUTURES (SR1 - CME) Month 2 vs 2-YEAR T-NOTE (26 - CME) All Months				
Spread Credit Rate	New	+1:-1	35%	35%
1M SOFR FUTURES (SR1 - CME) Month 2 vs 3M SOFR FUTURES (SR3 - CME) Months 1-3				

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 2 vs 3M SOFR FUTURES (SR3 - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 2 vs 3M SOFR FUTURES (SR3 - CME) Months 17+				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 2 vs 3M SOFR FUTURES (SR3 - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 2 vs 3M SOFR FUTURES (SR3 - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 2 vs 5-YEAR T-NOTE (25 - CME) All Months				
Spread Credit Rate	New	+2:-3	35%	35%
1M SOFR FUTURES (SR1 - CME) Month 2 vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 2 vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 2 vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 2 vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 2 vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 2 vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 2 vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 2 vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 2 vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 2 vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 2 vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	40%	40%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
1M SOFR FUTURES (SR1 - CME) Month 3 vs 2-YEAR T-NOTE (26 - CME) All Months				
Spread Credit Rate	New	+1:-1	35%	35%
1M SOFR FUTURES (SR1 - CME) Month 3 vs 3M SOFR FUTURES (SR3 - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 3 vs 3M SOFR FUTURES (SR3 - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 3 vs 3M SOFR FUTURES (SR3 - CME) Months 17+				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 3 vs 3M SOFR FUTURES (SR3 - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 3 vs 3M SOFR FUTURES (SR3 - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 3 vs 5-YEAR T-NOTE (25 - CME) All Months				
Spread Credit Rate	New	+2:-3	35%	35%
1M SOFR FUTURES (SR1 - CME) Month 3 vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 3 vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 3 vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 3 vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 3 vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 3 vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 3 vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 3 vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 3 vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 3 vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
1M SOFR FUTURES (SR1 - CME) Month 3 vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 4 vs 2-YEAR T-NOTE (26 - CME) All Months				
Spread Credit Rate	New	+1:-1	35%	35%
1M SOFR FUTURES (SR1 - CME) Month 4 vs 3M SOFR FUTURES (SR3 - CME) Month 1-3				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 4 vs 3M SOFR FUTURES (SR3 - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 4 vs 3M SOFR FUTURES (SR3 - CME) Months 17+				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 4 vs 3M SOFR FUTURES (SR3 - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 4 vs 3M SOFR FUTURES (SR3 - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 4 vs 5-YEAR T-NOTE (25 - CME) All Months				
Spread Credit Rate	New	+2:-3	35%	35%
1M SOFR FUTURES (SR1 - CME) Month 4 vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 4 vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 4 vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 4 vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 4 vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 4 vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 4 vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 4 vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 4 vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+3:-5	40%	40%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
1M SOFR FUTURES (SR1 - CME) Month 4 vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	45%	45%
1M SOFR FUTURES (SR1 - CME) Month 4 vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month 5 vs 2-YEAR T-NOTE (26 - CME) All Months				
Spread Credit Rate	New	+1:-1	65%	65%
1M SOFR FUTURES (SR1 - CME) Month 5 vs 3M SOFR FUTURES (SR3 - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	50%	50%
1M SOFR FUTURES (SR1 - CME) Month 5 vs 3M SOFR FUTURES (SR3 - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs 3M SOFR FUTURES (SR3 - CME) Months 17+				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs 3M SOFR FUTURES (SR3 - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs 3M SOFR FUTURES (SR3 - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs 5-YEAR T-NOTE (25 - CME) All Months				
Spread Credit Rate	New	+2:-3	35%	35%
1M SOFR FUTURES (SR1 - CME) Month 5 vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	50%	50%
1M SOFR FUTURES (SR1 - CME) Month 5 vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+3:-5	55%	55%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
1M SOFR FUTURES (SR1 - CME) Month 5 vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 5 vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs 2-YEAR T-NOTE (26 - CME) All Months				
Spread Credit Rate	New	+1:-1	65%	65%
1M SOFR FUTURES (SR1 - CME) Month 6 vs 3M SOFR FUTURES (SR3 - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	50%	50%
1M SOFR FUTURES (SR1 - CME) Month 6 vs 3M SOFR FUTURES (SR3 - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs 3M SOFR FUTURES (SR3 - CME) Months 17+				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs 3M SOFR FUTURES (SR3 - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs 3M SOFR FUTURES (SR3 - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs 5-YEAR T-NOTE (25 - CME) All Months				
Spread Credit Rate	New	+2:-3	35%	35%
1M SOFR FUTURES (SR1 - CME) Month 6 vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	50%	50%
1M SOFR FUTURES (SR1 - CME) Month 6 vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+3:-5	55%	55%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
1M SOFR FUTURES (SR1 - CME) Month 6 vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 6 vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs 2-YEAR T-NOTE (26 - CME) All Months				
Spread Credit Rate	New	+1:-1	65%	65%
1M SOFR FUTURES (SR1 - CME) Month 7 vs 3M SOFR FUTURES (SR3 - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	50%	50%
1M SOFR FUTURES (SR1 - CME) Month 7 vs 3M SOFR FUTURES (SR3 - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs 3M SOFR FUTURES (SR3 - CME) Months 17+				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs 3M SOFR FUTURES (SR3 - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs 3M SOFR FUTURES (SR3 - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs 5-YEAR T-NOTE (25 - CME) All Months				
Spread Credit Rate	New	+2:-3	35%	35%
1M SOFR FUTURES (SR1 - CME) Month 7 vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+3:-5	50%	50%
1M SOFR FUTURES (SR1 - CME) Month 7 vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+3:-5	55%	55%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
1M SOFR FUTURES (SR1 - CME) Month 7 vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month 7 vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	55%	55%
1M SOFR FUTURES (SR1 - CME) Month1 vs 3M SOFR FUTURES (SR3 - CME) Months 4-8				
Spread Credit Rate	New	+3:-5	40%	40%
1M SOFR FUTURES (SR1 - CME) Month1 vs 3M SOFR FUTURES (SR3 - CME) Months 9-12				
Spread Credit Rate	New	+3:-5	30%	30%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs 2-YEAR T-NOTE (26 - CME) All Months				
Spread Credit Rate	New	+3:-2	50%	50%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs 5-YEAR T-NOTE (25 - CME) All Months				
Spread Credit Rate	New	+2:-1	50%	50%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+1:-1	75%	75%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+1:-1	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+1:-1	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+1:-1	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+1:-1	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+1:-1	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+1:-1	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+1:-1	45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+1:-1	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+1:-1	60%	60%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+1:-1	50%	50%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs FED FUNDS (41 - CME) Month 1				
Spread Credit Rate	New	+5:-3	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs FED FUNDS (41 - CME) Months 11-15				
Spread Credit Rate	New	+5:-3	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs FED FUNDS (41 - CME) Months 16+				
Spread Credit Rate	New	+5:-3	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs FED FUNDS (41 - CME) Months 2-4				
Spread Credit Rate	New	+5:-3	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 1-3 vs FED FUNDS (41 - CME) Months 5-10				
Spread Credit Rate	New	+5:-3	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs 2-YEAR T-NOTE (26 - CME) All Months				
Spread Credit Rate	New	+3:-2	70%	70%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs 5-YEAR T-NOTE (25 - CME) All Months				
Spread Credit Rate	New	+2:-1	80%	80%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+1:-1	85%	85%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+1:-1	65%	65%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+1:-1	75%	75%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs FED FUNDS (41 - CME) Month 1				
Spread Credit Rate	New	+5:-3	30%	30%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs FED FUNDS (41 - CME) Months 11-15				
Spread Credit Rate	New	+5:-3	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs FED FUNDS (41 - CME) Months 16+				
Spread Credit Rate	New	+5:-3	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs FED FUNDS (41 - CME) Months 2-4				
Spread Credit Rate	New	+5:-3	40%	40%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs FED FUNDS (41 - CME) Months 5-10				
Spread Credit Rate	New	+5:-3	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs 5-YEAR T-NOTE (25 - CME) All Months				
Spread Credit Rate	New	+2:-1	80%	80%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs 2-YEAR T-NOTE (26 - CME) All Months				
Spread Credit Rate	New	+3:-2	70%	70%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+1:-1	85%	85%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+1:-1	65%	65%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
3M SOFR FUTURES (SR3 - CME) Months 17+ vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+1:-1	75%	75%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+1:-1	70%	70%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs FED FUNDS (41 - CME) Month 1				
Spread Credit Rate	New	+5:-3	30%	30%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs FED FUNDS (41 - CME) Months 11-15				
Spread Credit Rate	New	+5:-3	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs FED FUNDS (41 - CME) Months 16+				
Spread Credit Rate	New	+5:-3	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs FED FUNDS (41 - CME) Months 2-4				
Spread Credit Rate	New	+5:-3	40%	40%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs FED FUNDS (41 - CME) Months 5-10				
Spread Credit Rate	New	+5:-3	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs 2-YEAR T-NOTE (26 - CME) All Months				
Spread Credit Rate	New	+3:-2	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs 5-YEAR T-NOTE (25 - CME) All Months				
Spread Credit Rate	New	+2:-1	60%	60%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+1:-1	80%	80%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+1:-1	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+1:-1	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+1:-1	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+1:-1	55%	55%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+1:-1	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+1:-1	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+1:-1	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+1:-1	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+1:-1	70%	70%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+1:-1	60%	60%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs FED FUNDS (41 - CME) Month 1				
Spread Credit Rate	New	+5:-3	40%	40%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs FED FUNDS (41 - CME) Months 11-15				
Spread Credit Rate	New	+5:-3	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs FED FUNDS (41 - CME) Months 16+				
Spread Credit Rate	New	+5:-3	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs FED FUNDS (41 - CME) Months 2-4				
Spread Credit Rate	New	+5:-3	45%	45%
3M SOFR FUTURES (SR3 - CME) Months 4-8 vs FED FUNDS (41 - CME) Months 5-10				
Spread Credit Rate	New	+5:-3	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs 2-YEAR T-NOTE (26 - CME) All Months				
Spread Credit Rate	New	+3:-2	75%	75%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs 5-YEAR T-NOTE (25 - CME) All Months				
Spread Credit Rate	New	+2:-1	80%	80%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs EURODOLLAR (ED - CME) Months 1-3				
Spread Credit Rate	New	+1:-1	85%	85%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs EURODOLLAR (ED - CME) Months 13-16				
Spread Credit Rate	New	+1:-1	60%	60%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs EURODOLLAR (ED - CME) Months 17-20				
Spread Credit Rate	New	+1:-1	60%	60%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs EURODOLLAR (ED - CME) Months 21-24				
Spread Credit Rate	New	+1:-1	60%	60%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Initial	Maintenance
Inter-commodity Spread Rates				
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs EURODOLLAR (ED - CME) Months 25-28				
Spread Credit Rate	New	+1:-1	60%	60%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs EURODOLLAR (ED - CME) Months 29-32				
Spread Credit Rate	New	+1:-1	60%	60%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs EURODOLLAR (ED - CME) Months 33-36				
Spread Credit Rate	New	+1:-1	60%	60%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs EURODOLLAR (ED - CME) Months 37-40				
Spread Credit Rate	New	+1:-1	60%	60%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs EURODOLLAR (ED - CME) Months 41+				
Spread Credit Rate	New	+1:-1	60%	60%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs EURODOLLAR (ED - CME) Months 4-8				
Spread Credit Rate	New	+1:-1	70%	70%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs EURODOLLAR (ED - CME) Months 9-12				
Spread Credit Rate	New	+1:-1	65%	65%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs FED FUNDS (41 - CME) Month 1				
Spread Credit Rate	New	+5:-3	30%	30%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs FED FUNDS (41 - CME) Months 11-15				
Spread Credit Rate	New	+5:-3	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs FED FUNDS (41 - CME) Months 16+				
Spread Credit Rate	New	+5:-3	55%	55%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs FED FUNDS (41 - CME) Months 2-4				
Spread Credit Rate	New	+5:-3	40%	40%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs FED FUNDS (41 - CME) Months 5-10				
Spread Credit Rate	New	+5:-3	55%	55%