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OFFICE OF THE SECRETARIAT



May 11, 2011

Mr. David Stawick
Office of the Secretariat
Commodity Futures Trading Commission
Three Lafayette Centre
1155 21st Street, NW
Washington, DC 20581

RE: CME 10-Year Sovereign Yield Spread Futures and

2-Year Sovereign Yield Spread Futures

CME Submission No. 11-192

Dear Mr. Stawick:

Pursuant to Commission Regulation 40.2 and Section 5c(c)(1) of the Commodity Exchange Act, Chicago Mercantile Exchange Inc. ("CME" or "Exchange") hereby certifies Exchange rules governing trading in 10-Year Sovereign Yield Spread Futures and 2-Year Sovereign Yield Spread futures, which are new contract markets.

The Exchange intends to list twelve 10-Year Sovereign Yield Spread futures for trading on 22 May 2011, for first trade date of 23 May 2011, on the CME GLOBEX® electronic trading system. The Exchange intends to list 2-Year Sovereign Yield Spread futures at a later date, and shall inform the Commission when such date is determined.

Sovereign Yield Spread futures are designed to enable a user to shed or acquire financial exposure in a conventional sovereign bond spread, in the form of single contract, rather than as a bona fide spread requiring active management of distinct long and short component positions. Exhibit 1 summarizes contract features.

Exhibit 1 Sovereign Yield Spread Futures: Contract Design Features

Price Quote	Price Basis: Modified IMM Index = 100 + Yield Spread.
	Yield Spread = Sold Nation yield minus Bought Nation yield.
Contract Size	10-Year. 0.01 price points = 1 bp = 100 Currency Units 2-Year. 0.01 price points = 1 bp = 50 Currency Units
Min Price Increment	10-Year. 0.0025 price points = 1/4 bp = 25 Currency Units 2-Year. 0.005 price points = 1/2 bp = 25 Currency Units
Delivery Months	Nearest 4 months in March Quarterly cycle
Last Trading Day	3 <sup>rd</sup> London-NY-TARGET business day before 10 <sup>th</sup> day of Delivery Month. Trading in expiring contracts ceases at 3:02 pm London time on Last Trading Day.
Final Settlement	Delivery by cash settlement, by mark-to-market to Final Settlement Price.
	For any given Sold Nation and Bought Nation pair, Final Settlement Price = Price Basis evaluated at Final Settlement Yield Spread.
Trading Venue/Hours	Globex, 5pm – 4pm Chicago time, Sun– Fri
Trade Match Algorithm	First-In-First-Out (F)
Block Trade Minimum	250 contracts
Position Accountability Threshold	3,500 contracts
Reportable Position Threshold	25 contracts

# Price Basis, Price Quoting, and Contract Size

The underlying notional reference for each Sovereign Yield Spread futures contract is a duration-weighted and currency-weighted sovereign bond spread, comprising (i) a notional long position in Reference Bonds issued by "Bought" Nation and (ii) a notional short position in Reference Bonds issued by "Sold" Nation. Contract terms and conditions formally define the identities of Bought Nation and Sold Nation and the standards for determination of contract-grade Reference Bonds. Exhibit 2 displays Bought Nation and Sold Nation pairs for each of the twelve 10-Year Sovereign Yield Spread futures contracts that the Exchange intends to launch on 23 May 2011.

Exhibit 2 10-Year Sovereign Yield Spread Futures: Bought Nation and Sold Nation Pairs, and Contract Currency Units

Sold Nation:	UK -					-
Bought Nation:						
US	£	€	€	€	€	
UK		£	£	£	£	
De			€	€	€	

Notional Bought Nation and notional Sold Nation bond positions are "duration-weighted" and "currency-weighted" in the sense that the contract design enforces their equivalence, in terms of both notional price sensitivity to interest rate movements and profit/loss sensitivity to fluctuations in the pertinent rate of currency exchange.

For each Sovereign Yield Spread futures contract, price is quoted in price points as:

# 100 + Yield Spread

Yield Spread is approximately the difference in Sold Nation yield minus Bought Nation yield that is expected to prevail at contract expiration. Each contract price point signifies one percent (or 100 basis points) per annum of Yield Spread.

The notional size of each Sovereign Yield Spread futures contract is defined in terms of the pecuniary value of one basis point of the contract reference Yield Spread. One basis point (or 0.01 contract price points) equals 100 Currency

Units for 10-Year Sovereign Yield Spread futures, and equals 50 Currency Units for 2-Year Sovereign Yield Spread futures.

Contract terms and conditions define the Currency Unit to be either Euro (€) or UK Pound Sterling (£), depending on the identities of the contract's Bought Nation and Sold Nation. Exhibit 2 summarizes.

For 10-Year Sovereign Yield Spread futures, contract prices are quoted and made in minimum increments of 0.0025 contract price points, ie, ¼ of one basis point of contract reference Yield Spread exposure, equal to 25 Currency Units. For 2-Year Sovereign Yield Spread futures, contract prices are quoted and made in minimum increments of 0.005 contract price points, ie, ½ of one basis point of contract reference Yield Spread exposure, equal to 25 Currency Units.

Example 1 – De-Fr 10-Year Sovereign Yield Spread Futures ...are defined so that Germany is always Bought Nation, France is always Sold Nation, euro is always the contract Currency Unit, and 0.01 contract price points is worth €100. In effect the contract buyer holds notional long exposure to the De-Fr yield spread, ie, French yield minus German yield, while the contract seller holds notional short exposure. Suppose the prevailing view among market participants is that French Reference Bond yields will exceed German Reference Bond yields by 0.1325 percent (or 13.25 basis points) per annum at contract expiration. Contract price would be expected to trade in the realm of:

100 plus Fr yield minus De yield = 100 + 0.1325 = 100.1325

If the contract reference yield spread widens, such that the French yield is expected to be 25.5 basis points above the German yield, the contract price should rise to:

100 plus Fr yield minus De yield = 100 + 0.255 = 100.2550

If these are assumed to represent successive futures daily settlement prices, then the ensuing mark-to-market would be such that a long position holder would collect, and a short position holder would pay, variation margin of €1,225 per contract (equal to 12.25 basis points at €100 per basis point).

Example 2 -- UK-De 2-Year Sovereign Yield Spread Futures ...define UK as Bought Nation, Germany as Sold Nation, UK pound as Currency Unit, with 0.01 contract price points worth £50. If the consensus view among market practitioners is that German Reference Bond yields

will trade below UK Reference Bond yields by 6.33 percent per annum at contract expiry, then contract price would be expected to trade around:

100 plus Germany yield minus UK yield = 100 + (-6.33) = 93.6700

If the yield spread foreseen at termination of contract trading then moves such that expected German Reference Bond yield levels drop -5.5 basis points relative to expected UK Reference Bond yield levels, contract price should fall to:

100 plus Germany yield minus UK yield = 100 + (-6.385) = 93.615

If, as before, these signify successive futures daily settlement prices, then a long position holder would pay, and a short position holder would collect, variation margin of £275 per contract, equal to -5.5 basis points at £50 per basis point.

# Delivery Calendar

Sovereign Yield Spread futures will be listed for delivery in March Quarterly months. For any given delivery month, Last Trading Day will be the third EU/London/New York business day preceding that month's 10<sup>th</sup> day. Trading in an expiring contract will cease at 3:02pm GMT (generally 9:02am Chicago time) on Last Trading Day. Contract terms and conditions establish that Sovereign Yield Spread futures shall be scheduled for trading during such hours, and for delivery in such months, as the Exchange may determine at its discretion.

At the introduction of 10-Year Sovereign Yield Spread futures on 23 May 2010, the Exchange intends to list contracts for delivery in September 2011, December 2011, March 2012, and June 2012, and for trading between 5pm (on day before Trade Date) and 4pm (on Trade Date).

As an administrative matter, the Exchange would decline to list for trade any Sovereign Yield Spread futures contract, for a given delivery month, for which there is no extant contract-grade Reference Bond for either the Bought Nation or the Sold Nation within the contract Trading Unit.

#### Final Settlement

Sovereign Yield Spread futures effect delivery by cash settlement, by mark to market to Final Settlement Price. For each expiring Sovereign Yield Spread futures contract, Final Settlement Price is determined by the Exchange as:

100
plus the Median of Sold Nation Reference Bond yields
minus the Median of Bought Nation Reference Bond yields

For each sovereignty entailed in the contract notional reference, either as Bought Nation or as Sold Nation, the representative yield is the median value among yields to maturity on each of that sovereignty's Reference Bonds at the contract's termination of trading.

For any 10-Year Sovereign Yield Spread futures contract, Reference Bonds are defined to be standard fixed principal/fixed coupon bonds having remaining term to maturity between 8 years 1 month and 10 years from the contract delivery month, as follows --

De Bunds Fr OATs It BTPs Nd DSLs

UK Conventional Treasury Stock and Treasury Gilts

US Fixed principal notes, semiannual coupons, term to maturity at issue = 10 years

8 years 1 month ≤ Remaining Term to Maturity ≤ 10 years

For example, Reference Bonds for a hypothetical September 2011 delivery would be required to mature between 1 October 2019 and 30 September 2021, inclusive. Exhibit 3 identifies such Reference Bonds as of 30 April 2011

For any 2-Year Sovereign Yield Spread futures contract, Reference Bonds are defined to be standard fixed principal/fixed coupon bonds having remaining term to maturity between 1 year 6 months and 2 years 6 months from the contract delivery month, as follows --

De Bunds, Bobls, Schatz Es Bonos, Obligaciones

Fr OATs, BTANs

It BTPs Nd DSLs

**UK** Conventional Treasury Stock and Treasury Gilts

US Fixed principal notes, semiannual coupons, term to maturity at issue no less than 2 years and no greater than 5 years

1 year 6 months ≤ Remaining Term to Maturity ≤ 2 years 6 months

For example, Reference Bonds for a hypothetical September 2011 delivery would be required to mature between 1 March 2013 and 31 March 2014, inclusive. Exhibit 4 identifies such Reference Bonds as of 30 April 2011.

Exhibit 3
Sep 2011 10-Year Sovereign Yield Spread Futures:
Reference Bonds as of 30 April 2011
Coupon Maturity Outstanding (Blns)

Devechland - Bunds	EUR	85.000
3 1/4	4-Jan-20	22.000
3	4-Jul-20	22.000
2 1/4	4-Sep-20	16.000
2 1/2	4-Jan-21	19.000
3 1/4	4-Jul-21	6.000
España Obligaciones	EUR	57.209
4.30	31-Oct-19	13.951
4.00	30-Apr-20	15.502
4.85	31-Oct-20	15,560
5.50	30-Apr-21	12.196
France OATs	EUR	110.464
3 3/4	25-Oct-19	21.666
8 1/2	25-Oct-19	8.844
3 1/2	25-Apr-20	27.318
2 1/2	25-Oct-20	21.234
3 3/4	25-Apr-21	31.402
0 0/ 1	20 7 (5) 21	01.102
Italia BTPs	EUR	121.561
4 1/2	1-Feb-20	21.091
4 1/4	1-Mar-20	22.783
4	1-Sep-20	21.912
3 3/4	1-Mar-21	22.998
3 3/4	1-Aug-21	26.628
4 3/4	1-Sep-21	6.149
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Nederland DSLs	EUR	21.080
3 1/2	15-Jul-20	15.070
3 1/4	15-Jul-21	6.010
UK - Gilts and Treasury Stock	CBP CBP	83.803
4 3/4	7-Mar-20	31.393
3 3/4	7-Sep-20	23.167
. 8	7-Jun-21	22.686
3 3/4	7-Sep-21	6.557
US 10-Year Notes	USD	391.662
3 3/8	15-Nov-19	71.037
3 5/8	15-Feb-20	71.595
3 1/2	15-May-20	68.219
2 5/8	15-May-20 15-Aug-20	67.850
2 5/8	15-Nov-20	67.410
3 5/8	15-Feb-21	45.551

Exhibit 4
Sep 2011 2-Year Sovereign Yield Spread Futures:
Reference Bonds as of 30 April 2011
Coupon Maturity Type Outstanding (Blns)

Coupon	Maturity	Type	Outstanding (Blns)
Deutschland		EUR	97.000
1 1/2	15-Mar-13	Schatz	18.000
3 1/2	12-Apr-13	Bobl	17.000
3 3/4	4-Jul-13	Bund	22.000
4	11-Oct-13	Bobl	16,000
4 1/4	4-Jan-14	Bund	24.000
Еѕраñа		EUR	58,723
2.30	30-Apr-13	Bono	14.940
4.20	30-Jul-13	Obl	14.950
2,50	31-Oct-13	Bono	16.186
4.25	31-Jan-14	Obl	12.647
France	1	EUR	95.425
4	25-Apr-13	OAT	22.032
4 1/2	12-Jul-13	BTAN	23.454
4	25-Oct-13	OAT	24.285
2 1/2	12-Jan-14	BTAN	25.654
N. E. 122	1		10.222
Italia – BTPs		EUR	96.855
- 41/4	15-Apr-13		16.700
2	1-Jun-13		17.167
4 1/4	1-Aug-13		25.163
2 1/4	1-Nov-13		17.819
3 3/4	15-Dec-13		20.006
Nederland - DSLs	<u> </u>	EUR	22.000
4 1/4	15-Jul-13		14.983
1	15-Jan-14		7.017
UK		CHP.	71.288
4 1/2	7-Mar-13	Gilt	33.787
4 1/2	27-Sep-13	Stock	8.378
4 1/2	7-Mar-14	Gilt	29.123
000			2005-0000
US 1 3/8	15-Mar-13	USD 3-YEAR	835,000 40
2 1/2	31-Mar-13	5-YEAR	18
3/4	31-Mar-13		35
1 3/4	15-Apr-13	3-YEAR	40
3 1/8	30-Apr-13	5-YEAR	19
5/8	30-Apr-13	2-YEAR	35
1 3/8	15-May-13	3-YEAR	38
3 1/2	31-May-13	5-YEAR	19
1 1/8		3-YEAR	36
3 3/8	30-Jun-13	5-YEAR	20
1	15-Jul-13	3-YEAR	35
3 3/8	31-Jul-13	5-YEAR	21
3/4	15-Aug-13	3-YEAR	34
3 1/8	31-Aug-13	5-YEAR	22
3/4	15-Sep-13	3-YEAR	33
3 1/8	30-Sep-13	5-YEAR	24
1/2	15-Oct-13	3-YEAR	32
2 3/4	31-Oct-13	5-YEAR	24
1/2	15-Nov-13	3-YEAR	32
2	30-Nov-13	5-YEAR	26
3/4	15-Dec-13	3-YEAR	32
1 1/2		5-YEAR	28
1		3-YEAR	32
1 3/4	31-Jan-14	5-YEAR	30
1 1/4		3-YEAR	32
1 7/8	28-Feb-14	5-YEAR	32
1 1/4 1 3/4	15-Mar-14 31-Mar-14	3-YEAR	32
		5-YEAR	34

# The Role of the Approved Price Data Provider

As required by contract terms and conditions, the Exchange shall designate an approved price data provider. (See CME Rules XXX03.A.4. in Attachments 1 and 2.)

On the Last Day of Trading in an expiring Sovereign Yield Spread futures contract for a given delivery month, the Exchange shall obtain from the approved price data provider a price evaluation, for standard spot settlement, for each Reference Bond. Such price evaluation shall be made by the approved price data provider, in accord with procedures specified by the Exchange (as described in Attachment 3), on the basis of trading activity in EU, UK, and US government bond markets between 3pm and 3:02pm London time.

On 26 April 2011, the Exchange entered into a multi-year agreement with Interactive Data (Europe) Ltd to perform the role of approved price data provider.

# Position Reportability and Accountability

Each Sovereign Yield Spread futures contract is subject to position accountability for any position of 3,500 contracts or greater, and is subject to reportability for any position of 25 contracts or greater.

Attachments 1 through 4 give, respectively, contract terms and conditions for 10-Year Sovereign Yield Spread futures, contract terms and conditions for 2-Year Sovereign Yield Spread futures, amendments to CME Rulebook Chapter 5 in regard to position accountability and reportable position thresholds for 10-Year Sovereign Yield Spread futures, and a description of the calculations to be performed by the approved price data provider at expiration of Sovereign Yield Spread futures.

CME certifies that this action complies with the Commodity Exchange Act and regulations thereunder. There were no substantive opposing views to this proposal.

If you require additional information in support of this letter, please contact Frederick Sturm at 312.930.1282 or via e-mail at <a href="mailto:frederick.sturm@cmegroup.com">frederick.sturm@cmegroup.com</a> or me at 312.466-7478. Please reference CME Submission No. 11-192 in any related correspondence.

Sincerely,

/s/ Timothy Elliott
Director and Associate General Counsel

Attachments

## Attachment 1

# CME Chapter 502 10-Year Sovereign Yield Spread Futures

# 50200. SCOPE OF CHAPTER

This chapter is limited in application to trading in 10-Year Sovereign Yield Spread futures. Procedures for trading, clearing, delivery, settlement, and any other matters not specifically covered herein shall be governed by the rules of the Exchange.

## 50201. COMMODITY SPECIFICATIONS

Each futures contract shall be for the difference, as of the termination of trading in such contract (Rules 50202.G.), between the yield to maturity on Reference Bonds issued by one sovereignty and the yield to maturity on Reference Bonds issued by a second sovereignty (Rules 50203.A.).

## 50202. FUTURES CALL

## 50202.A. Trading Schedule

Contracts shall be scheduled for trading during such hours, and for delivery in such months, as may be determined by the Exchange.

# 50202.B. Trading Unit

For any contract for a given delivery month, the Trading Unit shall be the differential between the yield to maturity (Rule 50203.A.4.) on a notional sold position in Reference Bonds (Rule 50203.A.2.) issued by one sovereignty ("Sold Nation") and the yield to maturity on a notional bought position in Reference Bonds issued by a second sovereignty ("Bought Nation").

#### 50202.B.1. US-UK

For US-UK 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United States of America (hereafter, "United States") is identified as Bought Nation, and the United Kingdom is identified as Sold Nation.

## 50202.B.2. US-Germany

For US-Germany 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United States is identified as Bought Nation, and Germany is identified as Sold Nation.

## 50202.B.3. US-France

For US-France 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United States is identified as Bought Nation, and France is identified as Sold Nation.

## 50202.B.4. US-Italy

For US-Italy 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such

that the United States is identified as Bought Nation, and Italy is identified as Sold Nation.

## 50202.B.5. US-Netherlands

For US-Netherlands 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United States is identified as Bought Nation, and the Netherlands is identified as Sold Nation.

# 50202.B.6. UK-Germany

For UK-Germany 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United Kingdom is identified as Bought Nation, and Germany is identified as Sold Nation.

## 50202.B.7. UK-France

For UK-France 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United Kingdom is identified as Bought Nation, and France is identified as Sold Nation.

# 50202.B.8. UK-Italy

For UK-Italy 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United Kingdom is identified as Bought Nation, and Italy is identified as Sold Nation.

## 50202.B.9. UK-Netherlands

For UK-Netherlands 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United Kingdom is identified as Bought Nation, and the Netherlands is identified as Sold Nation.

# 50202.B.10. Germany-France

For Germany-France 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that Germany is identified as Bought Nation, and France is identified as Sold Nation.

## 50202.B.11. Germany-Italy

For Germany-Italy 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that Germany is identified as Bought Nation, and Italy is identified as Sold Nation.

## 50202.B.12. Germany-Netherlands

For Germany-Netherlands 10-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that Germany is identified as Bought Nation, and the Netherlands is identified as Sold Nation.

## 50202.C. Price Basis

Price shall be quoted in points, on the basis of 100 plus the yield to maturity on Sold Nation Reference Bonds minus the yield to maturity on Bought Nation Reference Bonds (Rules 50202.B. and 50203.A.).

For a contract of a given Trading Unit (Rules 50202.B.), each contract price point (1.000) shall be 100 basis points per annum of the spread between the Sold Nation Reference Bond Yield (Rule 50203.A.4.) and the Bought Nation Reference Bond Yield, and shall be equal to 10,000 Currency Units per contract, subject to Rule 50202.C.2.

Example 1: For a yield to maturity on Sold Nation Reference Bonds equal to 6.33 percent per annum and a yield to maturity on Bought Nation Reference Bonds equal 2.55 percent per annum, contract price would be quoted as 103.7800, equal to 100 plus 6.33 minus 2.55.

Example 2: For a yield to maturity on Sold Nation Reference Bonds equal to 6.33 percent per annum and a yield to maturity on Bought Nation Reference Bonds equal 12.55 percent per annum, contract price would be quoted as 93.7800, equal to 100 plus 6.33 minus 12.55.

# 50202.C.1. Minimum Price Fluctuation

The minimum price fluctuation shall be one-quarter of one-hundredth of one contract price point (0.0025 price points), and shall be equal to 25 Currency Units (Rule 50202.C.2.).

For each 0.0025 point increase in price, the Clearing House shall credit 25 Currency Units per contract to those clearing members holding open long positions and debit 25 Currency Units per contract from those clearing members holding open short positions.

For each 0.0025 point decline in price, the Clearing House shall debit 25 Currency Units per contract from those clearing members holding open long positions and credit 25 Currency Units per contract to those clearing members holding open short positions.

# 50202.C.2 Currency Unit

The Currency Unit shall be one Euro for any contract for which the Trading Unit is listed in Table 50202.C.2.a.

Table 50202.C.2.a.

	Contract Trading Ur	rency Unit = 1 Euro (EUR	
•	Trading Unit Rule	Bought Nation	Sold Nation
	J	J	
	50202.B.2	United States	Germany
	50202.B.3		France
	50202.B.4	United States	Italy
	50202.B.5	United States	Netherlands

50202.B.10GermanyFrance50202.B.11GermanyItaly50202.B.12GermanyNetherlands

The Currency Unit shall be one UK Pound Sterling for any contract for which the Trading Unit is listed in Table 50202.C.2.b.

Table 50202.C.2.b.

Contract Trading Units for Which Currency Unit = 1 UK Pound Sterling (GBF	Contract Trading L	nits for Which Currence	v Unit = 1 UK Pound	Sterling (GBP
---	--------------------	-------------------------	---------------------	---------------

		P
Trading Unit Rule	Bought Nation	Sold Nation
50202.B.1	United States	United Kingdom
50202.B.6	<b>United Kingdom</b>	Germany
50202.B.7	United Kingdom	France
50202.B.8	United Kingdom	Italy
50202.B.9	United Kingdom	Netherlands

# 50202.D. Position Accountability

Position accountability, as defined in Rule 560., will apply to trading of 10-Year Sovereign Yield Spread futures.

## 50202.E. Accumulation of Positions

For the purposes of this rule, the positions of all accounts directly or indirectly owned or controlled by a person or persons shall be cumulated, and the positions of all accounts of a person or persons acting pursuant to an expressed or implied agreement or understanding shall be cumulated, and the positions of all accounts in which a person or persons have a proprietary or beneficial interest shall be cumulated.

# 50202.F. [Reserved]

## 50202.G. Termination of Trading

The Last Day of Trading in an expiring contract for a given delivery month shall be the third business day preceding the tenth day of such delivery month, subject to Rule 50202.G.1.

Trading in an expiring contract shall terminate at 3:02 pm London time on the Last Day of Trading.

# 50202.G.1. Business Day

For the purposes of this chapter, "business day" shall mean any Exchange business day that is not a New York bank holiday, and that is not a London bank holiday, and that is not a European bank holiday as acknowledged by the Trans-European Automated Real-time Gross settlement Express Transfer ("TARGET") system.

## 50202.H. Contract Modifications

Contract specifications shall be fixed as of the first day of trading in any such contract, except that all deliveries on such contract must conform to government regulations in force at the time of delivery. If any U.S. government agency or body issues an order, ruling, directive, or law that conflicts with the requirements of these rules, then such order, ruling, directive, or law shall be construed to take precedence and shall become part of these rules, and all open and new contracts shall be subject to such government orders.

## 50203. SETTLEMENT PROCEDURES

Delivery shall be made by cash settlement, subject to Rule 50203.B.

## 50203.A. Final Settlement Price

For an expiring futures contract for a given delivery month, and for the two sovereignties that are identified, respectively, as Bought Nation and Sold Nation in such expiring contract's Trading Unit (Rules 50202.B.), Final Settlement Price shall be determined as follows:

Final Settlement Price = 100 plus Sold Nation Reference Bond Yield minus Bought Nation Reference Bond Yield.

For the purposes of this rule, Reference Bond(s) shall be as defined in Rule 50203.A.1. and Reference Bond Yield shall be as defined in Rule 50203.A.4.

For a contract of a given Trading Unit (Rules 50202.B.), the Final Settlement Price shall be rounded to the nearest 0.0001 contract price points (1/100<sup>th</sup> of one basis point per annum of such contract Trading Unit), and shall be rounded up in the case of a tie.

## 50203.A.1. Reference Bonds

For an expiring futures contract for a given delivery month, and for a given sovereignty that may be identified as either Bought Nation or Sold Nation in such expiring contract's Trading Unit (Rules 50202.B.), all Reference Bonds that enter into determination of such contract's Final Settlement Price shall be bonds issued by such sovereignty that meet standards set forth in Rules 50203.A.2.and Rule 50203.A.3.

New issues of bonds by such sovereignty that satisfy these standards shall be added to the Reference Bonds for such sovereignty as they are issued. Notwithstanding the foregoing, the Exchange shall have the right to exclude any such new issue from the Contract Grade (Rules 50203.A.2.).

## 50203.A.2. Contract Grade

## 50203.A.2.a. United States

A Reference Bond must be a US Treasury fixed-principal note which makes fixed semiannual coupon payments, and which has original term to maturity (i.e., term to maturity at issue) of 10 years, and which has an outstanding amount no less than \$2 billion as of the first day of the expiring futures contract's delivery month.

## 50203.A.2.b. United Kingdom

A Reference Bond must be a conventional gilt, issued by the UK Debt Management Office, which makes fixed coupon payments, and which has an outstanding amount no less than £2 billion as of the first day of the expiring futures contract's delivery month.

# 50203.A.2.c. Germany

A Reference Bond must be a Bundesanleihe ("Bund"), issued by Bundesrepublik Deutschland Finanzagentur, which makes fixed coupon payments, and which has an outstanding amount no less than €2 billion as of the first day of the expiring futures contract's delivery month.

#### 50203.A.2.d. France

A Reference Bond must be an obligation assimilable du Trésor ("OAT"), issued by Agence France Trésor, which makes fixed coupon payments, and which has an outstanding amount no less than €2 billion as of the first day of the expiring futures contract's delivery month.

## 50203.A.2.e. Italy

A Reference Bond must be a buono del Tesoro poliennale ("BTP"), issued by Dipartimento del Tesoro, which makes fixed coupon payments, and which has an outstanding amount no less than €2 billion as of the first day of the expiring futures contract's delivery month.

## 50203.A.2.f. Netherlands

A Reference Bond must be a Dutch State Loans ("DSL"), issued by the Dutch State Treasury Agency, which makes fixed coupon payments, and which has an outstanding amount no less than €2 billion as of the first day of the expiring futures contract's delivery month.

## 50203.A.3. Term to Maturity

For any expiring contract for a given delivery month, Reference Bonds must have remaining term to maturity no less than 8 years 1 month from the first day of the delivery month, and no more than 10 years from the last day of the delivery month.

*Example*: For a contract for delivery in December 2015, all Reference Bonds entailed in the contract Trading Unit must mature on dates between 1 January 2024 and 31 December 2025, inclusive.

## 50203.A.4. Reference Bond Yield

For an expiring contract for a given delivery month, and for a given sovereignty that may be identified as either Bought Nation or Sold Nation in such contract's Trading Unit (Rules 50202.B.), the Reference Bond Yield that enters into determination of such contract's Final Settlement Price shall be the median (Rule 50203.A.4.b.) of yields to maturity on all Reference Bonds (Rule 50203.A.4.a.) for such sovereignty for such expiring contract.

For any such Reference Bond, such yield to maturity shall be determined, subject to Rules 50203.A.4.a. and 50203.A.4.b., on the basis of a price evaluation that shall be furnished to the Exchange by the Exchange's approved price data provider. Such price evaluation shall be based upon that Reference Bond's market price between 3:00 p.m. and 3:02 p.m. London time on the last day of trading in such expiring futures (Rules

50202.G.).

If the Exchange's approved price data provider fails to report the price evaluation for any such Reference Bond on such expiring contract's last day of trading, then the contract Final Settlement Price shall be determined on the basis of Reference Bond Yields between 3:00 p.m. and 3:02 p.m. London time on the next following Business Day (Rule 50202.G.1.) for which the Exchange's approved price data provider reports all such Reference Bond price evaluations.

## 50203.A.4.a. Yields to Maturity on Reference Bonds

For any given Contract Grade sovereignty (Rules 50203.A.2.), yields to maturity on such sovereignty's Reference Bonds shall be computed in accordance with practices that are deemed by the Exchange to be prevalent in the market for such sovereignty's government bonds.

Each such yield to maturity shall be rounded to the nearest 0.00001 percent per annum, and shall be rounded up in the case of a tie.

*Examples*: A yield to maturity of 2.718282 percent per annum shall be rounded to 2.71828 percent. A yield to maturity of 3.141585 percent per annum shall be rounded up to 3.14159 percent.

Notwithstanding the foregoing, the Exchange shall have the right to determine the method, or methods, employed in computing such yields to maturity.

# 50203.A.4.b. Median of Yields to Maturity on Reference Bonds

For the Reference Bonds of a given Contract Grade sovereignty (Rules 50203.A.2.) that are entailed in a contract Trading Unit for a given delivery month, the median of yields to maturity on such Reference Bonds (Rule 50203.A.4.a.) shall be:

- (1) the 50<sup>th</sup> percentile among such Reference Bond yields to maturity, where there is an odd number of such Reference Bonds:
- (2) the midpoint of the two yields to maturity with percentile ranks that are, respectively, immediately above and immediately below the 50<sup>th</sup> percentile among such Reference Bond yields to maturity, where there is an even number of such Reference Bonds.

Such median value shall be rounded to the nearest 0.00001 percent per annum, and shall be rounded up in the case of a tie.

## 50203.B. Final Settlement

Clearing members holding open positions in expiring contracts at the termination of trading shall make payment to, or shall receive payment from, the Clearing House in accordance with normal variation performance bond procedures based on a settlement price equal to the Final Settlement Price.

50203.C.-I. [Reserved]

50204. [Reserved]

50205. [Reserved]

**50206.** ACTS OF GOVERNMENT, ACTS OF GOD AND OTHER EMERGENCIES (Refer to Rule 701. – ACTS OF GOVERNMENT, ACTS OF GOD AND OTHER EMERGENCIES)

#### Attachment 2

# CME Chapter XXX 2-Year Sovereign Yield Spread Futures

## XXX00. SCOPE OF CHAPTER

This chapter is limited in application to trading in 2-Year Sovereign Yield Spread futures. Procedures for trading, clearing, delivery, settlement, and any other matters not specifically covered herein shall be governed by the rules of the Exchange.

# XXX01. COMMODITY SPECIFICATIONS

Each futures contract shall be for the difference, as of the termination of trading in such contract (Rules XXX02.G.), between the yield to maturity on Reference Bonds issued by one sovereignty and the yield to maturity on Reference Bonds issued by a second sovereignty (Rules XXX03.A.).

## XXX02. FUTURES CALL

# XXX02.A. Trading Schedule

Contracts shall be scheduled for trading during such hours, and for delivery in such months, as may be determined by the Exchange.

# XXX02.B. Trading Unit

For any contract for a given delivery month, the Trading Unit shall be the differential between the yield to maturity (Rule XXX03.A.4.) on a notional sold position in Reference Bonds (Rule XXX03.A.2.) issued by one sovereignty ("Sold Nation") and the yield to maturity on a notional bought position in Reference Bonds issued by a second sovereignty ("Bought Nation").

## XXX02.B.1. US-UK

For US-UK 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United States of America (hereafter, "United States") is identified as Bought Nation, and the United Kingdom is identified as Sold Nation.

# XXX02.B.2. US-Germany

For US-Germany 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United States is identified as Bought Nation, and Germany is identified as Sold Nation.

## XXX02.B.3. US-France

For US-France 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United States is identified as Bought Nation, and France is identified as Sold Nation.

## XXX02.B.4. US-Italy

For US-Italy 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that

the United States is identified as Bought Nation, and Italy is identified as Sold Nation.

## XXX02.B.5. US-Netherlands

For US-Netherlands 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United States is identified as Bought Nation, and the Netherlands is identified as Sold Nation.

# XXX02.B.6. US-Spain

For US-Spain 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United States is identified as Bought Nation, and Spain is identified as Sold Nation.

# XXX02.B.7. UK-Germany

For UK-Germany 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United Kingdom is identified as Bought Nation, and Germany is identified as Sold Nation.

## XXX02.B.8. UK-France

For UK-France 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United Kingdom is identified as Bought Nation, and France is identified as Sold Nation.

# XXX02.B.9. UK-Italy

For UK-Italy 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United Kingdom is identified as Bought Nation, and Italy is identified as Sold Nation.

## XXX02.B.10. UK-Netherlands

For UK-Netherlands 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United Kingdom is identified as Bought Nation, and the Netherlands is identified as Sold Nation.

# XXX02.B.11. UK-Spain

For UK-Spain 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that the United Kingdom is identified as Bought Nation, and Spain is identified as Sold Nation.

## XXX02.B.12. Germany-France

For Germany-France 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that Germany is identified as Bought Nation, and France is identified as Sold Nation.

## XXX02.B.13. Germany-Italy

For Germany-Italy 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that Germany is identified as Bought Nation, and Italy is identified as Sold Nation.

## XXX02.B.14. Germany-Netherlands

For Germany-Netherlands 2-Year Sovereign Yield Spread Futures, the Trading Unit

shall be such that Germany is identified as Bought Nation, and the Netherlands is identified as Sold Nation.

# XXX02.B.15. Germany-Spain

For Germany-Spain 2-Year Sovereign Yield Spread Futures, the Trading Unit shall be such that Germany is identified as Bought Nation, and Spain is identified as Sold Nation.

# XXX02.C. Price Basis

Price shall be quoted in points, on the basis of 100 plus the yield to maturity on Sold Nation Reference Bonds minus the yield to maturity on Bought Nation Reference Bonds (Rules XXX02.B. and XXX03.A.).

For a contract of a given Trading Unit (Rules XXX02.B.), each contract price point (1.000) shall be 100 basis points per annum of the spread between the Sold Nation Reference Bond Yield (Rule XXX03.A.4.) and the Bought Nation Reference Bond Yield, and shall be equal to 10,000 Currency Units per contract, subject to Rule XXX02.C.2.

Example 1: For a yield to maturity on Sold Nation Reference Bonds equal to 6.33 percent per annum and a yield to maturity on Bought Nation Reference Bonds equal 2.55 percent per annum, contract price would be quoted as 103.7800, equal to 100 plus 6.33 minus 2.55.

Example 2: For a yield to maturity on Sold Nation Reference Bonds equal to 6.33 percent per annum and a yield to maturity on Bought Nation Reference Bonds equal 12.55 percent per annum, contract price would be quoted as 93.7800, equal to 100 plus 6.33 minus 12.55.

## XXX02.C.1. Minimum Price Fluctuation

The minimum price fluctuation shall be one-quarter of one-hundredth of one contract price point (0.0025 price points), and shall be equal to 25 Currency Units (Rule XXX02.C.2.).

For each 0.0025 point increase in price, the Clearing House shall credit 25 Currency Units per contract to those clearing members holding open long positions and debit 25 Currency Units per contract from those clearing members holding open short positions.

For each 0.0025 point decline in price, the Clearing House shall debit 25 Currency Units per contract from those clearing members holding open long positions and credit 25 Currency Units per contract to those clearing members holding open short positions.

## XXX02.C.2 Currency Unit

The Currency Unit shall be one Euro for any contract for which the Trading Unit is listed in Table XXX02.C.2.a.

Table XXX02.C.2.a.

Contract Trading Units for Which Currency Unit = 1 Euro (EUR)

	Trading Unit Rule	Bought Nation	Sold Nation	Attributes
	XXX02.B.2.	United States	Germany	
	XXX02.B.3.	United States	France	
	XXX02.B.4.	<b>United States</b>	Italy .	
	XXX02.B.5.	United States	Netherlands	
	XXX02.B.6.	United States	Spain	
	XXX02.B.12.	Germany	France	
	XXX02.B.13.	Germany	Italy	
	XXX02.B.14.	Germany	Netherlands	
:	XXX02.B.15.	Germany	Spain	

The Currency Unit shall be one UK Pound Sterling for any contract for which the Trading Unit is listed in Table XXX02.C.2.b.

Table XXX02.C.2.b.

Contract Trading Units for Which Currency Unit = 1 UK Pound Sterling (GBP)

Trading Unit Rule	Bought Nation	Sold Nation
XXX02.B.1.	United States	United Kingdom
XXX02.B.7.	United Kingdom	Germany
XXX02.B.8.	United Kingdom	France
XXX02.B.9.	United Kingdom	Italy
XXX02.B.10.	United Kingdom	Netherlands
XXX02.B.11.	United Kingdom	Spain

# XXX02.D. Position Accountability

Position accountability, as defined in Rule 560., will apply to trading of 2-Year Sovereign Yield Spread futures.

#### XXX02.E. Accumulation of Positions

For the purposes of this rule, the positions of all accounts directly or indirectly owned or controlled by a person or persons shall be cumulated, and the positions of all accounts of a person or persons acting pursuant to an expressed or implied agreement or understanding shall be cumulated, and the positions of all accounts in which a person or persons have a proprietary or beneficial interest shall be cumulated.

# XXX02.F. [Reserved]

# XXX02.G. Termination of Trading

The Last Day of Trading in an expiring contract for a given delivery month shall be the third business day preceding the tenth day of such delivery month, subject to Rule XXX02.G.1.

Trading in an expiring contract shall terminate at 3:02 pm London time on the Last Day of Trading.

# XXX02.G.1. Business Day

For the purposes of this chapter, "business day" shall mean any Exchange business day that is not a New York bank holiday, and that is not a London bank holiday, and that is not a European bank holiday as acknowledged by the Trans-European Automated Real-time Gross settlement Express Transfer ("TARGET") system.

## XXX02.H. Contract Modifications

Contract specifications shall be fixed as of the first day of trading in any such contract, except that all deliveries on such contract must conform to government regulations in force at the time of delivery. If any U.S. government agency or body issues an order, ruling, directive, or law that conflicts with the requirements of these rules, then such order, ruling, directive, or law shall be construed to take precedence and shall become part of these rules, and all open and new contracts shall be subject to such government orders.

## XXX03. SETTLEMENT PROCEDURES

Delivery shall be made by cash settlement, subject to Rule XXX303.B.

## XXX03.A. Final Settlement Price

For an expiring futures contract for a given delivery month, and for the two sovereignties that are identified, respectively, as Bought Nation and Sold Nation in such expiring contract's Trading Unit (Rules XXX02.B.), Final Settlement Price shall be determined as follows:

Final Settlement Price = 100 plus Sold Nation Reference Bond Yield minus Bought Nation Reference Bond Yield.

For the purposes of this rule, Reference Bond(s) shall be as defined in Rule XXX03.A.1. and Reference Bond Yield shall be as defined in Rule XXX03.A.4.

For a contract of a given Trading Unit (Rules XXX02.B.), the Final Settlement Price shall be rounded to the nearest 0.0001 contract price points (1/100<sup>th</sup> of one basis point per annum of such contract Trading Unit), and shall be rounded up in the case of a tie.

## XXX03.A.1. Reference Bonds

For an expiring futures contract for a given delivery month, and for a given sovereignty that may be identified as either Bought Nation or Sold Nation in such expiring contract's Trading Unit (Rules XXX02.B.), all Reference Bonds that enter into determination of such contract's Final Settlement Price shall be bonds issued by such sovereignty that meet standards set forth in Rules XXX03.A.2. and Rule XXX03.A.3.

New issues of bonds by such sovereignty that satisfy these standards shall be added to the Reference Bonds for such sovereignty as they are issued. Notwithstanding the foregoing, the Exchange shall have the right to exclude any such new issue from the Contract Grade (Rules XXX03.A.2.).

## XXX03.A.2. Contract Grade

# XXX03.A.2.a. United States

A Reference Bond must be a US Treasury fixed-principal note which makes fixed semiannual coupon payments, and which has original term to maturity (i.e., term to maturity at issue) of not more than 5 years, and which has an outstanding amount no less than \$2 billion as of the first day of the expiring futures contract's delivery month.

# XXX03.A.2.b. United Kingdom

A Reference Bond must be a conventional gilt issued by the UK Debt Management Office, which makes fixed coupon payments, and which has an outstanding amount no less than £2 billion as of the first day of the expiring futures contract's delivery month.

# XXX03.A.2.c. Germany

A Reference Bond must be a Bundesanleihe ("Bund"), Bundesobligation ("Bobl"), or Bundesschatzanweisung ("Schatz") issued by Bundesrepublik Deutschland Finanzagentur, which makes fixed coupon payments, and which has an outstanding amount no less than €2 billion as of the first day of the expiring futures contract's delivery month.

## XXX03.A.2.d. France

A Reference Bond must be an obligation assimilable du Trésor ("OAT") or bon du Trésor à intérêt annuel ("BTAN") issued by Agence France Trésor, which makes fixed coupon payments, and which has an outstanding amount no less than €2 billion as of the first day of the expiring futures contract's delivery month.

## XXX03.A.2.e. Italy

A Reference Bond must be a buono del Tesoro poliennale ("BTP") issued by Dipartimento del Tesoro, which makes fixed coupon payments, and which has an outstanding amount no less than €2 billion as of the first day of the expiring futures contract's delivery month.

#### XXX03.A.2.f. Netherlands

A Reference Bond must be a Dutch State Loan ("DSLs") issued by the Dutch State Treasury Agency, which make fixed coupon payments, and which has an outstanding amount no less than €2 billion as of the first day of the expiring futures contract's delivery month.

# XXX03.A.2.g. Spain

A Reference Bond must be a Bono del Estado or Obligación del Estado, issued by Tesoro Público, which makes fixed coupon payments, and which has an outstanding amount no less than €2 billion as of the first day of the expiring futures contract's

delivery month.

# XXX03.A.3. Term to Maturity

For any expiring contract for a given delivery month, Reference Bonds must have remaining term to maturity no less than 1 year 6 months from the first day of the delivery month, and no more than 2 years 6 months from the last day of the delivery month.

*Example*: For a contract for delivery in December 2015, all Reference Bonds that pertain to the contract Trading Unit must mature on dates between 1 June 2017 and 30 June 2018, inclusive.

## XXX03.A.4. Reference Bond Yield

For an expiring contract for a given delivery month, and for a given sovereignty that may be identified as either Bought Nation or Sold Nation in such contract's Trading Unit (Rules XXX02.B.), the Reference Bond Yield that enters into determination of such contract's Final Settlement Price shall be the median (Rule XXX03.A.4.b.) of yields to maturity on all Reference Bonds (Rule XXX03.A.4.a.) for such sovereignty for such expiring contract.

For any such Reference Bond, such yield to maturity shall be determined, subject to Rules XXX03.A.4.a. and XXX03.A.4.b., on the basis of a price evaluation that shall be furnished to the Exchange by the Exchange's approved price data provider. Such price evaluation shall be based upon that Reference Bond's market price between 3:00 p.m. and 3:02 p.m. London time on the last day of trading in such expiring futures (Rules XXX02.G.).

If the Exchange's approved price data provider fails to report the price evaluation for any such Reference Bond on such expiring contract's last day of trading, then the contract Final Settlement Price shall be determined on the basis of Reference Bond Yields between 3:00 p.m. and 3:02 p.m. London time on the next following Business Day (Rule XXX02.G.1.) for which the Exchange's approved price data provider reports all such Reference Bond price evaluations.

# XXX03.A.4.a. Yields to Maturity on Reference Bonds

For any given Contract Grade sovereignty (Rules XXX03.A.2.), yields to maturity on such sovereignty's Reference Bonds shall be computed in accordance with practices that are deemed by the Exchange to be prevalent in the market for such sovereignty's government bonds.

Each such yield to maturity shall be rounded to the nearest 0.00001 percent per annum, and shall be rounded up in the case of a tie.

Examples: A yield to maturity of 2.718282 percent per annum shall be rounded to 2.71828 percent. A yield to maturity of 3.141585 percent per annum shall be rounded up to 3.14159 percent.

Notwithstanding the foregoing, the Exchange shall have the right to determine the

method, or methods, employed in computing such yields to maturity.

XXX03.A.4.b. Median of Yields to Maturity on Reference Bonds

For the Reference Bonds of a given Contract Grade sovereignty (Rules XXX03.A.2.) that are entailed in a contract Trading Unit for a given delivery month, the median of yields to maturity on such Reference Bonds (Rule XXX03.A.4.a.) shall be:

- (1) the 50<sup>th</sup> percentile among such Reference Bond yields to maturity, where there is an odd number of such Reference Bonds;
- (2) the midpoint of the two yields to maturity with percentile ranks that are, respectively, immediately above and immediately below the 50<sup>th</sup> percentile among such Reference Bond yields to maturity, where there is an even number of such Reference Bonds.

Such median value shall be rounded to the nearest 0.00001 percent per annum, and shall be rounded up in the case of a tie.

# XXX03.B. Final Settlement

Clearing members holding open positions in expiring contracts at the termination of trading shall make payment to, or shall receive payment from, the Clearing House in accordance with normal variation performance bond procedures based on a settlement price equal to the Final Settlement Price.

XXX03.C.-I. [Reserved]

XXX04. [Reserved]

XXX05. [Reserved]

XXX06. ACTS OF GOVERNMENT, ACTS OF GOD AND OTHER EMERGENCIES (Refer to Rule 701. – ACTS OF GOVERNMENT, ACTS OF GOD AND OTHER EMERGENCIES)

## **Attachment 3**

# CME Chapter 5 POSITION LIMIT, POSITION ACCOUNTABILITY, AND REPORTABLE LEVEL TABLE

CONTRACT NAME	OPTIONS	FIRST SCALE- DOWN SPOT MONTH	SECOND SCALE- DOWN SPOT MONTH	SPOT MONTH	SINGLE MONTH	ALL ,MONTHS COMBINED	POSITION ACCOUNT- ABILITY	REPORT- ABLE FUTURES LEVEL	REPORT- ABLE OPTIONS LEVEL
CME Interest Rate									
13 Week Treasury Bill	Υ			15%		5,000 (A)		100	100
3 Month Eurodollar	Υ						10,000 (B)	850	850
3 Month OIS	Υ						10,000 (D)	25	50
3 Month Eurodollar E-Mini							100,000 (C)	25	
Euroyen	Υ					*5,000		25	25
MidCurve Eurodollar	Υ						10,000 (B)		25
One Month Eurodollar	Υ						5,000	100	100
10-Year Sovereign Yield Spread				-			3.500	<u>25</u>	

<sup>\*</sup>Net futures equivalents (NFE) long or short.

- (A) No more than the specified number of contracts net long or net short in all contract months combined, except that in no event shall own or control more than the numbers of contracts that correspond to fifteen percent of the announced auction amount of the 91-day U.S. Treasury Bill auction to which the contract settles in the lead month on or after the day two days prior to the delivery day.
- (B) Net Futures Equivalent Positions are combined across Eurodollar, Eurodollar E-mini, and Mid-Curve futures and options to determine Position Accountability.
- (C) 100,000 net long or short but 10,000 net futures equivalents and is combined with ED, E-mini ED, and Midcurves.
- (D) Net Futures Equivalent Positions are combined across OIS futures and options to determine Position Accountability.

#### Attachment 4

Methodology and procedures for determination of cash bond prices in regard to final settlements of CME Sovereign Yield Spread futures contracts.

Rule 50203.A.4. for 10-Year Sovereign Yield Spread futures and Rule XXX03.A.4. for 2-Year Sovereign Yield Spread futures both require the Exchange to name an approved price data provider. For each Reference Bond entailed in the Trading Unit of an expiring Sovereign Yield Spread futures contract, the approved price data provider is responsible to furnish a price evaluation to the Exchange based upon such Reference Bond's market price between 3:00 p.m. and 3:02 p.m. London time on the last day of trading in such expiring Sovereign Yield Spread futures contract.

The following describes procedures by which the approved price data provider shall make such price evaluations.

# Data sources, quality control, and transparency

For any given futures contract expiration, the Exchange will notify the approved price data provider of the requisite Data Production Date no later than *one month* prior to such date.

Further, the Exchange will furnish to the approved price data provider the roster of CUSIPs and ISINs for, and descriptions (ie, issuing sovereignty, coupon rate, maturity/redemption date) of, all contract grade sovereign bond issues pertinent to such futures contract expiration, no later than *five* (5) London business days before such production date.

For each expiring CME Sovereign Yield Spread futures contract the approved price data provider will provide to the Exchange a reference price for each such contract grade security, ie, each government bond issue designated by the Exchange as contract grade for such expiring futures contract.

Such reference price shall be the median value of all price quotes made for such contract grade security between 3:00 pm GMT and 3:02 pm GMT, inclusive, ("reference interval") on the last day of trading in the expiring futures contract, as observed on one or more Sources.

Price quotes used in any such price calculation shall comprise all best (highest) executable bid prices, all best (lowest) executable ask prices, and all transactions (trade prices) recorded during the reference interval, subject to the following criteria:

Executable bid or ask prices that are posted and subsequently cancelled during the reference interval shall be incorporated into the median price calculation.

Where two or more identical executable bid price quotes appear continuously in the order book for any such data source, the approved price data provider will treat them as a single price quote, prior to consolidating all price quotes drawn from such data source with price quotes drawn from other data sources.

Similarly, where two or more identical executable ask price quotes appear continuously in the order book for any such data source, the approved price data provider will treat them as a single price quote, prior to consolidating all price quotes drawn from such data source with price quotes drawn from other sources.

When no price quote is recorded on any such data source for a specific contract grade security during the reference interval, the approved price data provider will use the five (5) most recent price quotes recorded prior to 3:00 pm GMT, but not earlier than 2:45 pm GMT. Where fewer than 5 price quotes are recorded between 2:45 pm GMT and 3:00 pm GMT. The approved price data provider will use the maximum number of such quotes as are available.

## Median price calculation procedure

For each contract grade bond issue, the median price calculation performed by the approved price data provider shall be as follows:

- (1) Irrespective of the Sources from which they are drawn, all price quotes for such bond issue (as defined in Section (2) above) will be consolidated into one sample.
- (2) Where the number of price quotes in such consolidated sample is odd, the median price shall be the value with 50<sup>th</sup> percentile rank. Where the number of price quotes in such consolidated sample is even, the median price shall be the midpoint of the two values with percentile ranks that are, respectively, immediately above and immediately below the 50<sup>th</sup> percentile.

The following exhibit illustrates.

# Median Price Example

Consolidated price quotes sorted in ascending order 101.130

101.130

101.130

101.135

101.140 Median Value

101.150

101.150

101.160

101.160

# Data delivery and archiving

For each Data Production Date, the approved price data provider will provide the Exchange a spreadsheet containing the description and the calculated median price (but not the details of the calculations themselves) for each contract grade security pertinent to a Sovereign Yield Spread futures contract expiration corresponding to such Data Production Date.

The approved price data provider will endeavor to deliver such information to the Exchange no later than 8:30pm GMT.