

February 21, 2014

## **VIA E-MAIL**

Ms. Melissa Jurgens
Office of the Secretariat
Commodity Futures Trading Commission
Three Lafayette Centre
1155 21st Street, N.W.
Washington, D.C. 20581

Re: CFTC Regulation 40.2(a) Certification. Notification of New Product Listing of 2-Year, 5-

Year, and 10-Year Euro Interest Rate Swap Futures.

**CBOT Submission No. 14-051** 

Dear Ms. Jurgens:

The Board of Trade of the City of Chicago, Inc. ("CBOT" or "Exchange") hereby notifies the Commodity Futures Trading Commission ("CFTC" or "Commission") that it is self-certifying terms and conditions for 2-Year Euro Interest Rate Swap futures (Rulebook Chapter: 55; Code: T1E), 5-Year Euro Interest Rate Swap futures (Rulebook Chapter: 56; Code: F1E), and 10-Year Euro Interest Rate Swap futures (Rulebook Chapter: 57; Code: N1E) (collectively, "EUR IRS futures") to be listed for electronic trading on CME Globex ("Globex") and open outcry trading on the CBOT trading floor, Sunday, April 13, 2014, for first trade date on Monday, April 14, 2014. The Exchange intends to notify the Commission separately that it will permit block trading in these contracts to be submitted through CME ClearPort.

In the following, Section 1 summarizes and discusses contract terms and conditions. Sections 2 and 3 set forth the requisite changes to CBOT Rulebook Chapter 5 in regard, respectively, to position accountability and reportable positions, and to non-reviewable trading ranges on the Globex. Section 4 addresses compliance with pertinent Core Principles for Designated Contract Markets ("Core Principles") as set forth in the Commodity Exchange Act ("Act" or "CEA"). Appendixes 1, 2, and 3, respectively, set forth CBOT Rulebook Chapter 55 for 2-Year EUR IRS futures, Chapter 56 for 5-Year EUR IRS futures, and Chapter 57 for 10-Year EUR IRS futures. Appendix 4 presents requisite amendments to CBOT Rulebook Chapter 5.

## **SECTION 1** – Terms and Conditions of CBOT EUR IRS Futures

Each EUR IRS futures contract is for physical delivery of an interest rate swap, cleared by CME Clearing, at one of three benchmark terms to maturity: 2, 5, or 10 years. Exhibit 1 summarizes contract terms and conditions.

#### **EXHIBIT 1** – EUR Interest Rate Swap Futures Contract Specifications

Trading Unit	An interest rate swap (IRS), cleared by CME Clearing, with €100,000 notional principal and tenor equal to Reference Tenor, that exchanges annual fixed interest payments at a rate per annum equal
	to Contract Fixed Rate for semiannual floating interest rate payments based on the 6-month Euro interbank offered rate.

Reference Tenors	2-Year, 5-Year, or 10-Year	ar			
Delivery Months	March Quarterly cycle (March, June, September, December)				
Contract Fixed Rate	Set by the Exchange when a futures contract is listed for trading, as a rate per annum with 30/360 day count fraction, at an integer multiple of 25 basis points per annum.				
Price Basis	Prices are made in terms of price points: 100 points plus net present value (NPV) of IRS that meets Delivery Standard, where NPV is present value of IRS fixed-rate payments minus present value of IRS floating-rate payments as of 3 <sup>rd</sup> Wednesday of futures Delivery Month. Par is on the basis of 100 points.				
Contract Size	€1,000 per point (€100,00	00 per contract)			
Minimum Price	Reference Tenor Mi	inimum Price Increment			
Increment	<b>10-Year</b> 0.0	1 points (€10 per contract)			
	<b>2-Year</b> 0.0	05 points (€5 per contract)			
Last Trading Day	2 <sup>nd</sup> TARGET Settlement I	Day before 3 <sup>rd</sup> Wednesday of Delivery Month			
Delivery Day	3 <sup>rd</sup> Wednesday of Delivery Month				
Delivery Standard	IRS cleared by CME Clea	aring, with the following elections			
	Fixed Rate Payer Floating Rate Payer	Short futures position holder making delivery Long futures position holder taking delivery			
	IRS Effective Date	3 <sup>rd</sup> Wednesday of Delivery Month = Delivery Day			
	Currency Notional Amount Business Day(s)	EUR Contract Size = €1,000 per point (€100,000 per futures contract) TARGET Settlement Days			
	Business Day Convention	Modified Following			
	Termination Date	Anniversary of IRS Effective Date at futures contract Reference Tenor			
	Fixed Rate Payment Dates	Annually, from IRS Effective Date			
	Fixed Rate Fixed Rate Day Count	Contract Fixed Rate 30/360			
	Floating Rate Payment Date	es Semiannually, from IRS Effective Date			
	Floating Rate Option	EUR-EURIBOR-Reuters			
	Designated Maturity Spread	6 Month None			
	Floating Rate Day Count Compounding	Actual/360 None			
Delivery Method		nat meets Delivery Standard.			
	IRS Clearing Acceptance Date, and IRS Clearing Effective Date = First CME Clearing Business Day preceding 3 <sup>rd</sup> Wednesday of Delivery Month.				
	Delivery Date = 3rd Wedn				
	Delivery invoice price = I price, P:	RS Initial Payment Amount, as determined by contract final settlement			
		Rate Payer pays \$1,000 x (P – 100). e Payer pays \$1,000 x (100 – P).			

	of Delivery Month (IR Floating Rate Payers	JR IRS futures expire at final settlement price RS Effective Date), holders of long futures posts) pay delivery invoice price of €255 per content futures positions making delivery (IRS Fix	sitions taking delivery (IRS ract, equal to €1,000 x (100.255 –	
Delivery Eligibility	(17 CFR 1.3(m) in C and CME Rule 9000	sical delivery, a futures position holder mus Code of Federal Regulations, Section 1a(18 5.C.) and must be registered with CME by a E Rules 90005.A. and 90005.B.).	) of the Commodity Exchange Act	
Position Accountability	5,000+ contracts			
Reportable Positions	1+ contracts			
Block Trade	Reference Tenor	Minimum Block Trade Size (Contracts)		
Thresholds	10-Year	500		
	5-Year	750		
	2-Year	1,500		
	Each block trade mus	st be reported to the Exchange by the seller	within 15 minutes of transaction.	
Trading Hours and Venue		o 4pm Chicago time, Sun-Fri. m to 2pm Chicago time, Mon-Fri.		
	Trading in expiring futures terminates at 5:15pm CET (generally 10:15am Chicago time) on Last Trading Day.			
		wap futures shall trade on, and according to ication of contract terms and conditions with		

A brief discussion of the key features of the contracts certified herein follows:

### Trading schedule

Last trading day in an expiring contract is 2<sup>nd</sup> TARGET (Trans-European Automated Real-time Gross settlement Express Transfer system) Settlement Day before 3<sup>rd</sup> Wednesday of the futures delivery month. Physical delivery occurs on 3<sup>rd</sup> Wednesday of the futures delivery month.

#### Futures contract size

Each futures contract is for physical delivery of an IRS with notional size of €100,000.

#### Deliverable-grade EUR IRS

...will exchange annual interest payments at a fixed rate set by the Exchange for semiannual floating interest rate payments based on the 6-month Euro interbank offered rate, as reflected in the 6-month Euribor® interest rate benchmark administered by Euribor-EBF ("conventional EUR IRS"). At delivery the futures buyer becomes the IRS floating-rate payer to (and fixed-rate receiver from) CME Clearing, and the futures seller becomes the IRS fixed-rate payer to (and floating-rate receiver from) CME Clearing.

#### IRS fixed rate

...for each EUR IRS futures contract is fixed by the Exchange when the contract is initially listed for trading, and it remains fixed through termination of trading in the contract. For any given reference tenor

and delivery month, the Exchange has the capability to list additional futures contracts at different fixedrate levels.

*Example:* It's June. Suppose 10-year conventional EUR IRS for forward start the following December are trading at rates in a wide range, encompassing 3.5 percent and 4.0 percent per year. To accommodate the needs of market participants, the Exchange might list two different 10-Year EUR IRS futures for delivery in December, with fixed rates of 3.5 percent and 4.0 percent, respectively.

## IRS floating rate

...for contract-grade EUR IRS is 6-month Euribor<sup>®</sup>. Floating-rate payments occur semiannually on an Actual/360 day count.

## Contract price

EUR IRS futures prices will be quoted in points, with par equal to 100 points. Price is 100 plus the net present value (NPV) of the futures contract's deliverable-grade IRS as of the futures delivery day (i.e., 3<sup>rd</sup> Wednesday of futures contract delivery month). NPV is the present value of the delivered IRS's fixed-rate payments minus the present value of its floating-rate payments. Prices are made in fractions of price points:

*5-Year and 10-Year.* 1/100<sup>th</sup> of one point (i.e., 0.01 points). E.g., 98.020, 98.030, 98.040. *2-Year.* ½ of 1/100<sup>th</sup> of one point (i.e., 0.005 points). E.g., 98.020, 98.025, 98.030.

If the futures contract is priced at or very close to 100, then market participants effectively view the contract's deliverable-grade IRS as a par forward-starting swap. If futures price is at a discount, eg, 98.590, then market participants view the contract fixed rate as below par. Conversely, if the futures contract is priced at a premium, e.g., 102.560, then an observer would infer that market participants regard the contract fixed rate as above par.

#### Delivery invoice price

...takes the form of an initial payment upon delivery of the contract-grade IRS, where the payment amount is determined by the difference between the futures final settlement price and par.

Example: Suppose 10-Year EUR IRS futures expire at a final settlement price of 107.620. In effect, market participants reckon the present value of fixed-rate payments that the contract's deliverable-grade IRS will make over the coming decade exceeds the expected present value of the swap's floating-rate payments by a margin equal to €7,620 for every €100,000 of notional principal --

€7,620 = (€1,000 per price point) x (107.620 points minus 100 points)

Two business days later, on the 3<sup>rd</sup> Wednesday of the futures delivery month, each long position holder in the expired futures pays to CME Clearing a delivery invoice amount of €7,620 per contract to become the floating-rate payer (fixed-rate receiver) on a new 10-year interest rate swap in the amount of €100,000 notional per contract. Each short position holder in the expired futures receives from CME Clearing an initial payment amount of €7,620 as the fixed-rate payer (floating-rate receiver).

Example: Suppose 2-Year EUR IRS futures expire at a final settlement price of 99.255. As the final settlement price is below 100, market participants evidently expect the fixed-rate payments promised by the futures contract's deliverable-grade IRS to be exceeded by the swap's floating rate payment stream by a present-valued amount of €745 per €100,000 of notional principal --

€745 = (€1,000 per point) x (100 points minus 99.255 points).

On the 3<sup>rd</sup> Wednesday of the delivery month, each long position holder in the expiring futures receives an Initial Payment Amount of €255 per contract as the floating-rate payer (fixed-rate receiver) on a new 2-year IRS sized at €100,000 notional per futures contract. The converse applies to each short position holder in the expiring futures.

## Restrictions on making or taking physical delivery

Participation in the futures physical delivery process is limited to market participants who meet two criteria. First, they must be Eligible Contract Participants (ECPs), as that term is defined in the Code of Federal Regulations (17 CFR 1.3(m)) and in the Commodity Exchange Act (Section 1a(18)). Second, an account that is assigned to deliver or accept delivery on an expiring contract must be registered with CME as an IRS Participant, by a duly recognized CME IRS Clearing Member. Only CME IRS Clearing Members may carry accounts into the delivery process.

## Schedule for physical delivery on expiring contracts

Typically, termination of trading in expiring EUR IRS futures will occur at 5:15pm Central European time (usually 10:15am Chicago time) on the Monday before the 3<sup>rd</sup> ("IMM") Wednesday of the futures delivery month. To establish intent to take a futures contract position to delivery, a market participant has only to hold the position through termination of trading in the contract.

The following day -- typically, Tuesday before IMM Wednesday -- the Clearing House accepts for clearing the IRS that are to be delivered. Specifically, the Clearing House becomes the fixed rate payer to (and the floating rate receiver from) each long contract holder taking delivery. Simultaneously, the Clearing House becomes the floating rate payer to (and the fixed rate receiver from) each short contract holder making delivery.

The day thereafter – typically, IMM Wednesday – is the delivery day for the expiring futures contract. It is also the effective date for the IRS that have been delivered or accepted in delivery. It is also the point at which any initial payments that are entailed in delivery on the expired futures contract must be made to, or accepted from, the Clearing House.

#### Integrity of the delivery process

Several features of the physical delivery process warrant remark. First, the buyers and sellers of the IRS that are delivered in fulfillment of expiring futures never face each other as IRS transactors, but only as buyers or sellers of futures.

Second, unlike deliveries on, e.g., CBOT Treasury Note or Bond futures or CBOT grain futures, there is no need for the Clearing House to assign a clearing member carrying short interest to make delivery of contract-grade IRS to a clearing member carrying long interest. Instead, the Clearing House directly interposes itself as the central counterparty in the delivery – the buyer to the seller, and the seller to the buyer – at the point that the contract-grade IRS is accepted for clearing by the Clearing House.

Third, the contractual terms of the IRS delivered in fulfillment of the expiring futures contract are determined by activities governed by rules and regulations that apply to listing, trading, or settlement of futures. To be clear, the contractual terms of the IRS created upon futures delivery are <u>not</u> determined by activities governed by rules and regulations applicable to the listing, trading, or settlement of swaps. For example, the fixed rate of the IRS made upon futures delivery is determined by the futures contract fixed rate, which in turn is one of the futures contract terms. Similarly, any initial payment due upon delivery of contract-grade IRS is determined by the futures contract final settlement price, which in turn is determined via centralized and competitive trading of the futures contract on a designated contract market (CBOT).

Fourth, the expiring futures contract is at all times margined and guaranteed by CME Clearing as a futures contract. By contrast, the IRS delivered in fulfillment of the futures contract is margined and guaranteed by CME Clearing as an IRS Product.

#### SECTION 2 – Reportable Positions and Position Accountability

Position accountability thresholds for EUR IRS futures will resemble those that apply to extant CBOT US Dollar Interest Rate Swap futures. In view of the requirement that a futures position holder must be an Eligible Contract Participant in order to participate in physical delivery on expiring contracts, EUR IRS futures will be subject to a 1-contract reportable position threshold. Exhibit 2 summarizes.

## <u>EXHIBIT 2</u> – Amendments to Position Accountability and Reportable Level Table, Interpretations & Special Notices Section of CBOT Rulebook Chapter 5 (provided under separate cover)

#### **SECTION 3 – Globex Non-Reviewable Trading Ranges**

As shown in Exhibit 3, the non-reviewable trading ranges that apply to trading in EUR IRS futures on Globex will resemble, in the main, those that apply to CBOT Treasury Note and Bond futures.

## EXHIBIT 3 - Changes to CBOT Rule 588.H. Globex Non-Reviewable Trading Ranges

(Additions are shown in underline font.)

Instrument	Non-Reviewable Range (NRR) in Globex Format	NRR including Unit of Measure	NRR Ticks
10-Year Euro Interest Rate Swap Futures	94	0.94 of 1 point	94
5-Year Euro Interest Rate Swap Futures	45	0.45 of 1 point	45
2-Year Euro Interest Rate Swap Futures	<u>450</u>	0.45 of 1 point	90

#### **SECTION 4 – Compliance with Core Principles**

The Exchange's Research Department and Legal Department have determined that the new product terms and conditions certified herein bear upon on the following Core Principles:

#### Core Principle 2 – Compliance with Rules

Trading in EUR IRS futures will be subject to CBOT Rulebook Chapter 4, which includes prohibitions against fraudulent, noncompetitive, unfair, and abusive practices. Additionally, trading in these contracts will be subject to the Exchange's trade practice rules, the majority of which are contained in Chapter 5 and Chapter 8 of the Rulebook. As with all products listed for trading on one of CME Group's designated contract markets, trading activity in EUR IRS futures will be subject to monitoring and surveillance by CME Group's Market Regulation Department. The Market Regulation Department has the authority to exercise its investigatory and enforcement power where potential rule violations are identified.

## Core Principle 3 – Contracts Not Readily Subject to Manipulation

The deliverable grade for a CBOT 2-Year Euro Interest Rate Swap Futures contract, or 5-Year Euro Interest Rate Swap Futures contract, or 10-Year Euro Interest Rate Swap Futures contract is an interest rate swap:

- (a) with corresponding tenor,
- (b) that pays (or receives) annual fixed interest rate payments at the swap rate that standardizes the futures contract, in exchange for receipt (or payment) of semiannual floating interest rate payments based on the 6-month Euro interbank offered rate, as reflected in the 6-month Euribor® interest rate benchmark administered by Euribor-EBF ("conventional EUR IRS"), and
- (c) that is cleared and guaranteed by CME Clearing.

CME Clearing has accepted such conventional EUR IRS for clearing and guarantee since October 2011.

The Dodd-Frank Wall Street Reform and Consumer Protection Act ("Dodd-Frank Act") requires inter alia that certain swap structures shall be centrally cleared ("Clearing Mandate"). On November 28, 2012 the CFTC announced regulations to implement the Clearing Mandate, including a timetable for financial institutions to achieve compliance, as follows:

As of March 11, 2013 -

"Swap dealers and private funds active in the swaps market will be required to comply...for swaps they enter into on or after that date."

As of September 9, 2013 -

"Accounts managed by third party investment managers, as well as ERISA pension plans, will have until [such date] to begin clearing swaps entered into on or after that date."

As of June 10, 2013 -

"All other financial entities will be required to clear swaps...entered into on or after that date."

The swap structures within scope of the Clearing Mandate comprise those that would be eligible for delivery in fulfillment of the EUR IRS futures contracts described herein.

Against this backdrop, two points warrant note. The first is that CME Cleared interest rate swaps generally, and CME Cleared conventional EUR IRS in particular, have gained rapid acceptance among market participants. Exhibit 4 indicates the growth of trading activity through 2013 in conventional EUR IRS submitted to CME Clearing for clearing and guarantee. The Exhibit displays summary statistics for aggregate transaction activity in all such conventional EUR IRS, and for trading volumes in the three swap tenor brackets corresponding most closely to each of the three tenors deliverable in fulfillment of EUR IRS futures.

Not only did transaction activity in such CME Cleared EUR IRS expand quickly during 2013. It continues to grow briskly, with median daily aggregate trading volume running €16.4 billion (in notional principal value terms) during January 1-15, 2014 versus €11.8 billion per day during 2013 Q4.

## EXHIBIT 4 - Median daily transaction activity in CME Cleared conventional EUR IRS

(€ mlns of notional principal value per day. m = swap tenor)

2 years ≤ m < 5 years 5 years ≤ m < 8 years 8 years ≤ m < 11 years All

2013 Q1	124	147	457	1,097
2013 Q2	2,526	608	1,098	5,886
2013 Q3	2,920	943	1,257	7,842
2013 Q4	2,973	1,255	1,566	11,829

Source: CME Group, Finance and Corporate Development

Of potentially greater importance for the integrity of the futures contracts certified herein is the scale of open interest in CME Cleared EUR IRS. Exhibit 5 evidences vigorous growth of such open interest through 2013, both for CME Cleared conventional EUR IRS in the aggregate, and for the swap tenor brackets corresponding most closely to deliverable-grade tenors for CBOT EUR IRS futures.

# <u>EXHIBIT 5</u> – Median daily notional principal value of CME Cleared conventional EUR IR outstanding

(€ blns. m = swap tenor)

	2 years ≤ m < 5 years	5 years ≤ m < 8 years	8 years ≤ m < 11 years	All
2013 Q1	13.7	6.6	46.8	99.6
2013 Q2	85.2	15.6	74.7	264.5
2013 Q3	302.7	64.9	141.1	806.0
2013 Q4	401.1	104.1	192.5	1,322.1

Source: CME Group, Finance and Corporate Development

The accumulation of outstanding CME Cleared conventional EUR IRS proceeds apace. Median daily aggregate open interest during 1-15 January 2014 is €1,569.7 billion (in notional principal value) versus €1,322.1 billion during 2013 Q4.

The second point is that, given the definition of their contract-grade commodity and the mechanics of their physical delivery process, the futures contracts certified herein are not readily susceptible to manipulation. Because there is no physical limitation on available supply of an expiring futures contract's deliverable commodity, it is highly unlikely that a market participant might assert control, or attempt to assert control, over the supply of the deliverable-grade commodity.

## Core Principle 4 – Prevention of Market Disruption

Trading in EUR IRS futures shall be subject to CBOT Rulebook Chapters 4 and 7, which include prohibitions on manipulation, price distortion, and disruption to the physical delivery process. As with any new product listed for trading on a CME Group designated contract market, trading activity in EUR IRS futures will be subject to monitoring and surveillance by CME Group's Market Regulation Department.

## Core Principle 5 – Position Limits or Accountability

Position accountability thresholds for EUR IRS futures shall be set at 5,000 contracts, similar to those that apply to extant CBOT 2-Year, 5-Year, 10-Year, and 30-Year USD Interest Rate Swap futures. In view of the requirement that a futures position holder must be an Eligible Contract Participant and a duly registered CME IRS Participant in order to participate in physical delivery on expiring contracts, EUR IRS futures shall be subject to a 1-contract reportable position threshold. (Provided Under Separate Cover)

## Core Principle 7 – Availability of General Information

The Exchange shall publish on its website information in regard to futures contract specifications, terms, and conditions, as well as daily trading volume, open interest, and price information.

## Core Principle 8 – Daily Publication of Trading Information

The Exchange shall publish contract trading volumes, open interest levels, and price information daily on its website and through quote vendors.

## Core Principle 9 – Execution of Transactions

CBOT EUR IRS futures shall be listed for trading on the CME Globex electronic trading platform and in open outcry. Both trading venues provide for competitive and open execution of transactions. Globex affords, moreover, the benefits of reliability and global connectivity. The Globex non-reviewable trading ranges for these contracts will be as shown in Exhibit 6.

## EXHIBIT 6 - Amendments to CBOT Rule 588.H. Globex Non-Reviewable Trading Ranges

(Additions are shown in <u>underline</u> font.)

Instrument	Non-Reviewable Range (NRR) in Globex Format	NRR including Unit of Measure	NRR Ticks
10-Year Euro Interest Rate Swap Futures	94	0.94 of 1 point	94
5-Year Euro Interest Rate Swap Futures	45	0.45 of 1 point	45
2-Year Euro Interest Rate Swap Futures	450	0.45 of 1 point	90
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#### Core Principle 10 – Trade Information

All requisite trade information shall be included in the audit trail and will suffice for the Market Regulation Department to monitor for market abuse.

## Core Principle 11 – Financial Integrity of Transactions

CBOT EUR IRS futures shall be cleared by the CME Clearing House, which is registered with the Commission as a derivatives clearing organization, and which is subject to all CFTC regulations related thereto.

## Core Principle 12 – Protection of Markets and Market Participants

CBOT Rulebook Chapters 4 and 5 set forth multiple prohibitions that preclude intermediaries from disadvantaging their customers. These rules apply to trading in all of the Exchange's competitive trading venues and will apply to transactions in EUR IRS futures.

## Core Principle 13 – Disciplinary Procedures

CBOT Rulebook Chapter 4 provides for the Exchange to discipline, suspend, or expel members or market participants who violate the rules of the Exchange. Trading in EUR IRS futures shall be subject to these provisions. The Exchange's Market Regulation Department has the authority to exercise its powers of enforcement, in the event that rule violations in these products are identified.

#### Core Principle 14 – Dispute Resolution

Disputes with respect to EUR IRS futures shall be subject to the arbitration provisions set forth in CBOT Rulebook Chapter 6, which allow all nonmembers to submit claims for financial losses resulting from transactions on the Exchange to arbitration. Pursuant to these provisions, any member named as a respondent in any such claim submitted by a nonmember is required to participate in arbitration proceedings. Additionally, the Exchange requires members to resolve via arbitration all disputes concerning transactions on the Exchange.

The Exchange certifies that 2-Year Euro Interest Rate Swap futures, 5-Year Euro Interest Rate Swap futures, and 10-Year Euro Interest Rate Swap futures comply with the Act and rules thereunder, with no substantive opposing views to this proposal.

The Exchange certifies that this submission has been concurrently posted on the Exchange's website at <a href="http://www.cmegroup.com/market-regulation/rule-fillings.html">http://www.cmegroup.com/market-regulation/rule-fillings.html</a>.

If you require any additional information regarding this action, 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 contact me at 212-299-2200 or via e-mail at <a href="mailto:Christopher.Bowen@cmegroup.com">Christopher.Bowen@cmegroup.com</a>. Please reference CBOT Submission No. 14-051 in any related correspondence.

Sincerely,

/s/ Christopher Bowen
Managing Director and Chief Regulatory Counsel

Attachments: Appendix 1 – CBOT Rulebook Chapters

Appendix 2 – Position Limit, Position Accountability, and Reportable Level Table in Chapter 5 of the CBOT Rulebook (provided under separate cover)

Appendix 3 – Rule 588.H - Globex Non-Reviewable Ranges

## **APPENDIX 1**

# CBOT Rulebook Chapter 55 – 2-Year Euro Interest Rate Swap Futures

#### 55100. SCOPE OF CHAPTER

This chapter is limited in application to trading of 2-Year Euro Interest Rate Swap ("EUR IRS") futures. The procedures for trading, clearing, delivery, and settlement, and any other matters not specifically covered herein, shall be governed by the general rules of the Exchange ("Rules").

Capitalized terms in this Chapter that are not otherwise defined in this Chapter shall have the meanings given to such terms in the other Chapters of the Rules. Capitalized terms in this Chapter that are not otherwise defined in either this Chapter or the other Chapters of the Rules shall have the meanings set forth in the ISDA Definitions (Chicago Mercantile Exchange ("CME") Rule 90002.N.).

Except as noted, all times referenced in this chapter are Chicago times and are subject to change by the Exchange.

#### 55101, CONTRACT SPECIFICATIONS

#### 55101.A. Contract Grade

The contract grade for delivery on expiring futures made under these Rules shall be an Interest Rate Swap Contract ("IRS Contract" per CME Rule 90002.J.) that is accepted for clearing by the Clearing House (CME Rulebook Chapters 8F, 8G, 900, and 901) and that is subject to the following Contract Elections (CME Rule 90002.F.):

- 1. Fixed Rate Payer: Subject to CBOT Rules 55104., an account required to deliver on a short position in such expiring futures contract shall be the Fixed Rate Payer to the Clearing House. Where such account is required to accept delivery on a long position in such expiring futures contract, the Clearing House shall be the Fixed Rate Payer to such account.
- 2. Floating Rate Payer: Subject to CBOT Rules 55104., an account required to accept delivery on a long position in such expiring futures contract shall be the Floating Rate Payer to the Clearing House. Where such account is required to deliver on a short position in such expiring futures contract, the Clearing House shall be the Floating Rate Payer to such account.
- 3. IRS Effective Date: Third (3rd) Wednesday of futures contract delivery month (CBOT Rules 55102. and 55103.A.).
- 4. Currency: Euros (CME Rule 90102.B.).
- 5. Notional Amount: €100,000.
- 6. Business Day(s): TARGET Settlement Days.
- 7. Business Day Convention: Modified Following.
- 8. Termination Date: Second (2nd) anniversary of IRS Effective Date (CBOT Rule 55101.A.3.).
- 9. Initial Payment Amount: See CBOT Rule 55101.B.
- 10. Initial Amount Payer: See CBOT Rule 55101.B.

- 11. Fixed Rate Payment Dates: Annually from IRS Effective Date (CBOT Rule 55101.A.3.) subject to CBOT Rules 55101.A.6. and 55101.A.7.
- 12. Fixed Rate: Futures contract fixed interest rate set by the Exchange at an integer multiple of 25 basis points (ie, one quarter of one percent) per annum when such futures contract is initially listed for trading (CBOT Rule 55102.).
- 13. Fixed Rate Day Count: 30/360.
- 14. Floating Rate Payment Dates: Semiannually from IRS Effective Date (CBOT Rule 55101.A.3.) subject to CBOT Rules 55101.A.6. and 55101.A.7.
- 15. Floating Rate Option: EUR-EURIBOR-Reuters (CME Rule 90102.E.4.).
- 16. Designated Maturity: Six (6) months.
- 17. Floating Rate Day Count: Actual/360.
- 18. Spread: None.
- 19. Compounding: None.

#### 55101.B. Physical Delivery

Each individual futures contract lot that is delivered shall be an IRS Contract (CME Rule 90002.J.) that meets Contract Grade (CBOT Rule 55101.A.).

For an IRS Clearing Member carrying an account that is required to make or accept delivery on an expiring futures contract (CBOT Rules 55104.), the IRS Initial Payment Amount (CBOT Rule 55101.A.9.) due upon delivery (CBOT Rule 55103.) of such IRS Contract, and the Initial Amount Payer (CBOT Rule 55101.A.10.), shall be determined as follows:

Define P as the Final Settlement Price (CBOT Rule 812.) of an expiring futures contract, as determined by the Exchange at such contract's Termination of Trading (CBOT Rule 55102.F.), where such Final Settlement Price is expressed in points and fractions of points, with par on the basis of 100 points (CBOT Rule 55102.C.).

- 1. If P is greater than 100 points, then the long IRS Clearing Member taking delivery shall pay to the Clearing House, and the short IRS Clearing Member making delivery shall receive from the Clearing House, an Initial Payment Amount equal to:
- (€1,000 per point) x (P points minus 100 points) per contract.
- 2. Else, if P is less than or equal to 100 points, then the short IRS Clearing Member making delivery shall pay to the Clearing House, and the long IRS Clearing Member taking delivery shall receive from the Clearing House, an Initial Payment Amount equal to:
- (€1,000 per point) x (100 points minus P points) per contract.
- 3. For each individual contract lot that is delivered, such Initial Payment Amount shall be rounded to the nearest cent, with half-cents rounded up to the nearest cent.

Example: For a hypothetical expiring futures contract, assume the final settlement price P is 100.255 (ie, 100.255 points). On the third Wednesday of the contract Delivery Month the holder of a long futures position taking delivery (the Floating Rate Payer in the delivered IRS Contract) shall pay to the Clearing House an Initial Payment Amount of €255 per contract, equal to (€1,000 per point) x (100.255 points minus 100 points). Conversely, the holder of a short futures position making delivery (the Fixed Rate Payer in the delivered IRS Contract) shall receive from the Clearing House an Initial Payment Amount of €255 per contract.

#### 55102. TRADING SPECIFICATIONS

The number of contract delivery months open for trading at a given time shall be determined by the Exchange. Without limitation to the foregoing, the Exchange customarily shall list for trading futures contracts for delivery in at least each of the two nearest months in the March-June-September-December quarterly cycle.

For a given futures contract for a given delivery month, the Exchange shall determine the value of the Fixed Rate that shall standardize the Contract Grade for such futures contract (CBOT Rule 55101.A.12.). The Exchange also shall determine whether, and when, to list for trading any additional futures contract(s) for such delivery month that are standardized to Fixed Rate value(s) different to the Fixed Rate value of such futures contract.

## 55102.A. Trading Schedule

The hours of trading shall be determined by the Exchange. On the last day of trading in an expiring contract (CBOT Rule 55102.F.), the close of the expiring contract shall begin at 5:14 pm Central European time, and trading shall be permitted thereafter for a period not to exceed one minute.

#### 55102.B. Trading Unit

The unit of trading shall be IRS Contracts that meet Contract Grade (CBOT Rule 55101.A.), having notional amount of one hundred thousand Euros (€100,000) or multiples thereof.

#### 55102.C. Price Increments

Par shall be on the basis of 100 points, with each point equal to €1,000 per contract. The minimum price fluctuation shall be one-half of one one-hundredth (1/2 of 1/100th) of one point (equal to €5 per contract). Contracts shall not be made on any other price basis.

#### 55102.D. Reserved

55102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels
The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule CBOT 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

## 55102.F. Termination of Trading

Trading in an expiring futures contract shall terminate no later than 5:15pm Central European time (CBOT Rule 55102.A.) on the second TARGET Settlement Day before the third Wednesday of the contract

delivery month (where TARGET signifies the Trans-European Automated Real-time Gross settlement Express Transfer system).

#### 55103. DATE OF DELIVERY

Subject to CBOT Rules 55104., delivery on an expiring futures contract shall be made by a short IRS Clearing Member, and shall be taken by a long IRS Clearing Member, on the third Wednesday of the futures delivery month (CBOT Rule 55102.).

#### 55103.A. IRS Effective Date

Such Date of Delivery shall be the Effective Date (CBOT Rule 55101.A.3.) of the IRS Contract that is delivered or accepted for delivery in fulfillment of such expiring futures contract.

## 55103.B. Acceptance Date and Clearing Effective Date

The first Clearing Business Day (CME Rule 90002.D.) preceding such Date of Delivery shall be the Acceptance Date (CME Rule 90002.B.) and the Clearing Effective Date (CME Rule 90002.E.) of the IRS Contract to be delivered or accepted for delivery in fulfillment of such expiring futures contract.

#### 55104. DELIVERIES ON EXPIRING FUTURES CONTRACTS

#### 55104.A. Requirements for Participation in Delivery

For an account carried by a clearing member to make or accept delivery on an expiring futures contract, the holder of such account is required to be:

- 1. an Eligible Contract Participant, as that term is defined in Section 1a(18) of the Commodity Exchange Act (7 USC §1a(18) and 17 CFR 1.3(m)), and
- 2. either an IRS Clearing Member (CME Rule 90005.A.) or an IRS Participant registered with CME by an IRS Clearing Member (CME Rule 8F009. and CME Rule 90005.B.).

Subject to these requirements and to CBOT Rules 55104.B. and 55104.C., upon termination of trading in such expiring futures (CBOT Rule 55102.F.), the holder of each such account that holds a long interest in such futures contract shall be required to accept delivery from the Clearing House of IRS Contracts that meet Contract Grade (CBOT Rule 55101.A.), and the holder of each such account that holds a short interest in such futures contract shall be required to make delivery to the Clearing House of IRS Contracts that meet Contract Grade.

## 55104.B. IRS Product Account Registration

Any IRS Contract delivered or accepted for delivery in fulfillment of an expiring futures contract must be identified with an IRS Product account number that identifies the holder of such IRS Product account, and that specifies whether such IRS Product account is either (1) a proprietary account of an IRS Clearing Member or (2) held by a customer registered with CME by an IRS Clearing Member as an IRS Participant (CME Rule 8F009. and CME Rule 90005.B.).

## 55104.C. Clearing Member Obligations in Delivery

Subject to the provisions of CBOT Rulebook Chapters 7, 8, and 9, as of the termination of trading in an expiring futures contract (CBOT Rule 55102.F.), each clearing member that carries accounts holding long or short interest in such expiring futures contract shall:

1. ensure that the requirements set forth in CBOT Rule 55104.A. are met.

- 2. in accord with the requirements set forth in CBOT Rule 55104.B., ensure that the holder of each such account has designated (a) the IRS Product account(s) in which the holder shall make or accept any deliveries on expiring futures contracts and (b) the IRS Clearing Member(s) carrying such IRS Product account(s).
- 3. ensure that any IRS Clearing Member carrying such IRS Product account(s) as may be designated pursuant to CBOT Rule 55104.C.2. has been notified of such designation.
- 4. obtain acknowledgement from each IRS Clearing Member designated pursuant to CBOT Rule 55104.C.2. that such IRS Clearing Member shall guarantee and assume complete responsibility for the performance of all delivery requirements in respect of such expiring futures (CBOT Rule 55104.E.).

Where a clearing member carries accounts holding interest both long and short in such expiring futures contract, the clearing member must fulfill these Rules 55104.C. so as to procure that delivery shall be made by all such accounts holding short interest and shall be accepted by all such accounts holding long interest.

## 55104.D. Clearing Member Reporting Obligations Prior to Delivery

Each clearing member that carries accounts holding long or short interest in an expiring futures contract shall report to the Clearing House, on each of the last 5 days of trading in such expiring futures, an accurate inventory of such long and short interest, in such manner and at such times as the Clearing House may prescribe, provided that such inventory must include, for each account holding long or short interest:

- 1. declaration of the number of expiring futures contracts held long, and the number of expiring futures contracts held short, in such account;
- 2. confirmation whether such account meets, or does not meet, the requirements set forth in CBOT Rule 55104.A.;
- 3. where such account meets the requirements set forth in CBOT Rule 55104.A., (a) the IRS Product account number, and the IRS Product account origin (house or customer), and the IRS Clearing Member carrying such IRS Product account, as designated pursuant to CBOT Rule 55104.C.2., and (b) confirmation that such IRS Clearing Member has been notified as required by CBOT Rule 55104.C.3., and has made such acknowledgements as are required by CBOT Rule 55104.C.4.

#### 55104.E. Notification of IRS Clearing Members in Delivery

Following the termination of trading in an expiring futures contract (CBOT Rule 55102.F.), the Clearing House shall notify each IRS Clearing Member carrying one or more IRS Product accounts that are required to make or accept delivery in fulfillment of such expiring futures, as designated pursuant to CBOT Rules 55104.C. For each such IRS Clearing Member, such Clearing House notification shall include:

- 1. identification of IRS Product accounts, carried by such IRS Clearing Member, that are required to accept delivery on long futures positions; the size of each such long futures position; and the identity of the clearing member firm(s) carrying the account(s) in which each such long futures position is held; and /or
- 2. identification of IRS Product Accounts, carried by such IRS Clearing Member, that are required to make delivery on short futures positions; the size of each such short futures position; and the identity of the clearing member firm(s) carrying the account(s) in which each such short futures position is held.

## 55104.F. IRS Clearing Member Obligations in Delivery

In the event that an IRS Clearing Member disputes such notification of delivery on expiring futures as it may receive from the Clearing House, pursuant to CBOT Rule 55104.E., such IRS Clearing Member shall promptly notify the Clearing House, and the dispute must be settled no later than 12:30 p.m. Chicago time on the Acceptance Date and Clearing Effective Date for delivery in fulfillment of such expiring futures (CBOT Rule 55103.B.).

As of 12:30 p.m. Chicago time on the Acceptance Date and Clearing Effective Date for delivery in fulfillment of an expiring futures, an IRS Clearing Member who carries an IRS Product account that is required to make or accept delivery on such expiring futures contract (CBOT Rules 55104.A, 55104.B., 55104.C., 55104.D. and 55104.E.) shall guarantee and assume complete responsibility for the performance of all delivery requirements set forth in the Rules.

## 55104.G. Clearing House Financial Safeguards

A futures contract made under these Rules shall be a Base Guaranty Fund Product subject to the Clearing House financial safeguards provided by the General Guarantee Fund (CME Rule 802.A.). An IRS Contract that is delivered or accepted for delivery in fulfillment of a futures contract made under these Rules shall be an IRS Product subject to the Clearing House financial safeguards provided by the IRS Guaranty Fund (CME Rule 8G07.).

55105. (RESERVED)

55106. (RESERVED)

### 55107. PAYMENT

Where an Initial Payment Amount is required in fulfillment of delivery on an expiring futures contract (CBOT Rule 55101.B.), an IRS Clearing Member that is determined as an Initial Payment Payer shall pay to the Clearing House, and an IRS Clearing Member that is determined as the receiver of an Initial Payment Amount shall receive from the Clearing House, an amount equal to such Initial Payment Amount on the Date of Delivery (CBOT Rule 55103.) at such time as the Clearing House may designate. If such Initial Payment Amount is equivalent to \$100,000,000 or greater, then the IRS Clearing Member that is determined as the Initial Payment Payer shall pay such Initial Payment Amount to the Clearing House no later than 6:00pm on the Acceptance Date of the IRS Contracts that are delivered, and accepted for delivery, in fulfillment of such expiring futures contract (CBOT Rule 55103.B. and CME Rule 90102.C.)

# CBOT Rulebook Chapter 56 – 5-Year Euro Interest Rate Swap Futures

#### 56100. SCOPE OF CHAPTER

This chapter is limited in application to trading of 5-Year Euro Interest Rate Swap ("EUR IRS") futures. The procedures for trading, clearing, delivery, and settlement, and any other matters not specifically covered herein, shall be governed by the general rules of the Exchange ("Rules").

Capitalized terms in this Chapter that are not otherwise defined in this Chapter shall have the meanings given to such terms in the other Chapters of the Rules. Capitalized terms in this Chapter that are not otherwise defined in either this Chapter or the other Chapters of the Rules shall have the meanings set forth in the ISDA Definitions (Chicago Mercantile Exchange ("CME") Rule 90002.N.).

Except as noted, all times referenced in this chapter are Chicago times and are subject to change by the Exchange.

#### 56101. CONTRACT SPECIFICATIONS

#### 56101.A. Contract Grade

The contract grade for delivery on expiring futures made under these Rules shall be an Interest Rate Swap Contract ("IRS Contract" per CME Rule 90002.J.) that is accepted for clearing by the Clearing House (CME Rulebook Chapters 8F, 8G, 900, and 901) and that is subject to the following Contract Elections (CME Rule 90002.F.):

- 1. Fixed Rate Payer: Subject to CBOT Rules 56104., an account required to deliver on a short position in such expiring futures contract shall be the Fixed Rate Payer to the Clearing House. Where such account is required to accept delivery on a long position in such expiring futures contract, the Clearing House shall be the Fixed Rate Payer to such account.
- 2. Floating Rate Payer: Subject to CBOT Rules 56104., an account required to accept delivery on a long position in such expiring futures contract shall be the Floating Rate Payer to the Clearing House. Where such account is required to deliver on a short position in such expiring futures contract, the Clearing House shall be the Floating Rate Payer to such account.
- 3. IRS Effective Date: Third (3rd) Wednesday of futures contract delivery month (CBOT Rules 56102. and 56103.A.).
- 4. Currency: Euros (CME Rule 90102.B.).
- 5. Notional Amount: €100,000.
- 6. Business Day(s): TARGET Settlement Days.
- 7. Business Day Convention: Modified Following.
- 8. Termination Date: Fifth (5th) anniversary of IRS Effective Date. (CBOT Rule 56101.A.3.).
- Initial Payment Amount: See CBOT Rule 56101.B.
   Initial Amount Payer: See CBOT Rule 56101.B.

- 11. Fixed Rate Payment Dates: Annually from IRS Effective Date (CBOT Rule 56101.A.3.) subject to CBOT Rules 56101.A.6. and 56101.A.7.
- 12. Fixed Rate: Futures contract fixed interest rate set by the Exchange at an integer multiple of 25 basis points (ie, one quarter of one percent) per annum when such futures contract is initially listed for trading (CBOT Rule 56102.).
- 13. Fixed Rate Day Count: 30/360.
- 14. Floating Rate Payment Dates: Semiannually from IRS Effective Date (CBOT Rule 56101.A.3.) subject to CBOT Rules 56101.A.6. and 56101.A.7.
- 15. Floating Rate Option: EUR-EURIBOR-Reuters (CME Rule 90102.E.4.).
- 16. Designated Maturity: Six (6) months.
- 17. Floating Rate Day Count: Actual/360.
- 18. Spread: None.
- 19. Compounding: None.

#### 56101.B. Physical Delivery

Each individual futures contract lot that is delivered shall be an IRS Contract (CME Rule 90002.J.) that meets Contract Grade (CBOT Rule 56101.A.).

For an IRS Clearing Member carrying an account that is required to make or accept delivery on an expiring futures contract (CBOT Rules 56104.), the IRS Initial Payment Amount (CBOT Rule 56101.A.9.) due upon delivery (CBOT Rule 56103.) of such IRS Contract, and the Initial Amount Payer (CBOT Rule 56101.A.10.), shall be determined as follows:

Define P as the Final Settlement Price (CBOT Rule 812.) of an expiring futures contract, as determined by the Exchange at such contract's Termination of Trading (CBOT Rule 56102.F.), where such Final Settlement Price is expressed in points and fractions of points, with par on the basis of 100 points (CBOT Rule 56102.C.).

- 1. If P is greater than 100 points, then the long IRS Clearing Member taking delivery shall pay to the Clearing House, and the short IRS Clearing Member making delivery shall receive from the Clearing House, an Initial Payment Amount equal to:
- (€1,000 per point) x (P points minus 100 points) per contract.
- 2. Else, if P is less than or equal to 100 points, then the short IRS Clearing Member making delivery shall pay to the Clearing House, and the long IRS Clearing Member taking delivery shall receive from the Clearing House, an Initial Payment Amount equal to:
- (€1,000 per point) x (100 points minus P points) per contract.
- 3. For each individual contract lot that is delivered, such Initial Payment Amount shall be rounded to the nearest cent, with half-cents rounded up to the nearest cent.

  Example: For a hypothetical expiring futures contract, assume the final settlement price P is 100.210 (ie, 100.210 points). On the third Wednesday of the contract Delivery Month the holder of a long futures

position taking delivery (the Floating Rate Payer in the delivered IRS Contract) shall pay to the Clearing House an Initial Payment Amount of €210 per contract, equal to (€1,000 per point) x (100.210 points minus 100 points). Conversely, the holder of a short futures position making delivery (the Fixed Rate Payer in the delivered IRS Contract) shall receive from the Clearing House an Initial Payment Amount of €210 per contract.

## 56102. TRADING SPECIFICATIONS

The number of contract delivery months open for trading at a given time shall be determined by the Exchange. Without limitation to the foregoing, the Exchange customarily shall list for trading futures contracts for delivery in at least each of the two nearest months in the March-June-September-December quarterly cycle.

For a given futures contract for a given delivery month, the Exchange shall determine the value of the Fixed Rate that shall standardize the Contract Grade for such futures contract (CBOT Rule 56101.A.12.). The Exchange also shall determine whether, and when, to list for trading any additional futures contract(s) for such delivery month that are standardized to Fixed Rate value(s) different to the Fixed Rate value of such futures contract.

#### 56102.A. Trading Schedule

The hours of trading shall be determined by the Exchange. On the last day of trading in an expiring contract (CBOT Rule 56102.F.), the close of the expiring contract shall begin at 5:14 pm Central European time, and trading shall be permitted thereafter for a period not to exceed one minute.

#### 56102.B. Trading Unit

The unit of trading shall be IRS Contracts that meet Contract Grade (CBOT Rule 56101.A.), having notional amount of one hundred thousand Euros (€100,000) or multiples thereof.

#### 56102.C. Price Increments

Par shall be on the basis of 100 points, with each point equal to €1,000 per contract. The minimum price fluctuation shall be one one-hundredth (1/100th) of one point (equal to €10 per contract), except for intermonth spreads for which the minimum price fluctuation shall be one half of one-hundredth (1/2 of 1/100th) of one point (equal to €5 per intermonth spread contract pair). Contracts shall not be made on any other price basis.

#### 56102.D. Reserved

56102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels
The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to CBOT Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

## 56102.F. Termination of Trading

Trading in an expiring futures contract shall terminate no later than 5:15pm Central European time (CBOT Rule 56102.A.) on the second TARGET Settlement Day before the third Wednesday of the contract

delivery month (where TARGET signifies the Trans-European Automated Real-time Gross settlement Express Transfer system).

#### 56103. DATE OF DELIVERY

Subject to CBOT Rules 56104., delivery on an expiring futures contract shall be made by a short IRS Clearing Member, and shall be taken by a long IRS Clearing Member, on the third Wednesday of the futures delivery month (CBOT Rule 56102.).

#### 56103.A. IRS Effective Date

Such Date of Delivery shall be the Effective Date (CBOT Rule 56101.A.3.) of the IRS Contract that is delivered or accepted for delivery in fulfillment of such expiring futures contract.

## 56103.B. Acceptance Date and Clearing Effective Date

The first Clearing Business Day (CME Rule 90002.D.) preceding such Date of Delivery shall be the Acceptance Date (CME Rule 90002.B.) and the Clearing Effective Date (CME Rule 90002.E.) of the IRS Contract to be delivered or accepted for delivery in fulfillment of such expiring futures contract.

#### 56104. DELIVERIES ON EXPIRING FUTURES CONTRACTS

#### 56104.A. Requirements for Participation in Delivery

For an account carried by a clearing member to make or accept delivery on an expiring futures contract, the holder of such account is required to be:

- 1. an Eligible Contract Participant, as that term is defined in Section 1a(18) of the Commodity Exchange Act (7 USC §1a(18) and 17 CFR 1.3(m)), and
- 2. either an IRS Clearing Member (CME Rule 90005.A.) or an IRS Participant registered with CME by an IRS Clearing Member (CME Rule 8F009. and CME Rule 90005.B.).

Subject to these requirements and to CBOT Rules 56104.B. and 56104.C., upon termination of trading in such expiring futures (CBOT Rule 56102.F.), the holder of each such account that holds a long interest in such futures contract shall be required to accept delivery from the Clearing House of IRS Contracts that meet Contract Grade (CBOT Rule 56101.A.), and the holder of each such account that holds a short interest in such futures contract shall be required to make delivery to the Clearing House of IRS Contracts that meet Contract Grade.

## 56104.B. IRS Product Account Registration

Any IRS Contract delivered or accepted for delivery in fulfillment of an expiring futures contract must be identified with an IRS Product account number that identifies the holder of such IRS Product account, and that specifies whether such IRS Product account is either (1) a proprietary account of an IRS Clearing Member or (2) held by a customer registered with CME by an IRS Clearing Member as an IRS Participant (CME Rule 8F009. and CME Rule 90005.B.).

## 56104.C. Clearing Member Obligations in Delivery

Subject to the provisions of CBOT Rulebook Chapters 7, 8, and 9, as of the termination of trading in an expiring futures contract (CBOT Rule 56102.F.), each clearing member that carries accounts holding long or short interest in such expiring futures contract shall:

1. ensure that the requirements set forth in CBOT Rule 56104.A. are met.

- 2. in accord with the requirements set forth in CBOT Rule 56104.B., ensure that the holder of each such account has designated (a) the IRS Product account(s) in which the holder shall make or accept any deliveries on expiring futures contracts and (b) the IRS Clearing Member(s) carrying such IRS Product account(s).
- 3. ensure that any IRS Clearing Member carrying such IRS Product account(s) as may be designated pursuant to CBOT Rule 56104.C.2. has been notified of such designation.
- 4. obtain acknowledgement from each IRS Clearing Member designated pursuant to CBOT Rule 56104.C.2. that such IRS Clearing Member shall guarantee and assume complete responsibility for the performance of all delivery requirements in respect of such expiring futures (CBOT Rule 56104.E.).

Where a clearing member carries accounts holding interest both long and short in such expiring futures contract, the clearing member must fulfill these Rules 56104.C. so as to procure that delivery shall be made by all such accounts holding short interest and shall be accepted by all such accounts holding long interest.

## 56104.D. Clearing Member Reporting Obligations Prior to Delivery

Each clearing member that carries accounts holding long or short interest in an expiring futures contract shall report to the Clearing House, on each of the last 5 days of trading in such expiring futures, an accurate inventory of such long and short interest, in such manner and at such times as the Clearing House may prescribe, provided that such inventory must include, for each account holding long or short interest:

- 1. declaration of the number of expiring futures contracts held long, and the number of expiring futures contracts held short, in such account;
- 2. confirmation whether such account meets, or does not meet, the requirements set forth in CBOT Rule 56104.A.;
- 3. where such account meets the requirements set forth in CBOT Rule 56104.A., (a) the IRS Product account number, and the IRS Product account origin (house or customer), and the IRS Clearing Member carrying such IRS Product account, as designated pursuant to CBOT Rule 56104.C.2., and (b) confirmation that such IRS Clearing Member has been notified as required by CBOT Rule 56104.C.3., and has made such acknowledgements as are required by CBOT Rule 56104.C.4.

#### 56104.E. Notification of IRS Clearing Members in Delivery

Following the termination of trading in an expiring futures contract (CBOT Rule 56102.F.), the Clearing House shall notify each IRS Clearing Member carrying one or more IRS Product accounts that are required to make or accept delivery in fulfillment of such expiring futures, as designated pursuant to CBOT Rules 56104.C. For each such IRS Clearing Member, such Clearing House notification shall include:

- 1. identification of IRS Product accounts, carried by such IRS Clearing Member, that are required to accept delivery on long futures positions; the size of each such long futures position; and the identity of the clearing member firm(s) carrying the account(s) in which each such long futures position is held; and /or
- 2. identification of IRS Product Accounts, carried by such IRS Clearing Member, that are required to make delivery on short futures positions; the size of each such short futures position; and the identity of the clearing member firm(s) carrying the account(s) in which each such short futures position is held.

## 56104.F. IRS Clearing Member Obligations in Delivery

In the event that an IRS Clearing Member disputes such notification of delivery on expiring futures as it may receive from the Clearing House, pursuant to CBOT Rule 56104.E., such IRS Clearing Member shall promptly notify the Clearing House, and the dispute must be settled no later than 12:30 p.m. Chicago time on the Acceptance Date and Clearing Effective Date for delivery in fulfillment of such expiring futures (CBOT Rule 56103.B.).

As of 12:30 p.m. Chicago time on the Acceptance Date and Clearing Effective Date for delivery in fulfillment of an expiring futures, an IRS Clearing Member who carries an IRS Product account that is required to make or accept delivery on such expiring futures contract (CBOT Rules 56104.A, 56104.B., 56104.C., 56104.D. and 56104.E.) shall guarantee and assume complete responsibility for the performance of all delivery requirements set forth in the Rules.

#### 56104.G. Clearing House Financial Safeguards

A futures contract made under these Rules shall be a Base Guaranty Fund Product subject to the Clearing House financial safeguards provided by the General Guarantee Fund (CME Rule 802.A.). An IRS Contract that is delivered or accepted for delivery in fulfillment of a futures contract made under these Rules shall be an IRS Product subject to the Clearing House financial safeguards provided by the IRS Guaranty Fund (CME Rule 8G07.).

56105. (RESERVED)

56106. (RESERVED)

### 56107. PAYMENT

Where an Initial Payment Amount is required in fulfillment of delivery on an expiring futures contract (CBOT Rule 56101.B.), an IRS Clearing Member that is determined as an Initial Payment Payer shall pay to the Clearing House, and an IRS Clearing Member that is determined as the receiver of an Initial Payment Amount shall receive from the Clearing House, an amount equal to such Initial Payment Amount on the Date of Delivery (CBOT Rule 56103.) at such time as the Clearing House may designate. If such Initial Payment Amount is equivalent to \$100,000,000 or greater, then the IRS Clearing Member that is determined as the Initial Payment Payer shall pay such Initial Payment Amount to the Clearing House no later than 6:00pm on the Acceptance Date of the IRS Contracts that are delivered, and accepted for delivery, in fulfillment of such expiring futures contract (CBOT Rule 56103.B. and CME Rule 90102.C.).

## CBOT Rulebook Chapter 57 – 10-Year Euro Interest Rate Swap Futures

#### 57100. SCOPE OF CHAPTER

This chapter is limited in application to trading of 10-Year Euro Interest Rate Swap ("EUR IRS") futures. The procedures for trading, clearing, delivery, and settlement, and any other matters not specifically covered herein, shall be governed by the general rules of the Exchange ("Rules").

Capitalized terms in this Chapter that are not otherwise defined in this Chapter shall have the meanings given to such terms in the other Chapters of the Rules. Capitalized terms in this Chapter that are not otherwise defined in either this Chapter or the other Chapters of the Rules shall have the meanings set forth in the ISDA Definitions (Chicago Mercantile Exchange ("CME") Rule 90002.N.).

Except as noted, all times referenced in this chapter are Chicago times and are subject to change by the Exchange.

#### 57101. CONTRACT SPECIFICATIONS

#### 57101.A. Contract Grade

The contract grade for delivery on expiring futures made under these Rules shall be an Interest Rate Swap Contract ("IRS Contract" per CME Rule 90002.J.) that is accepted for clearing by the Clearing House (CME Rulebook Chapters 8F, 8G, 900, and 901) and that is subject to the following Contract Elections (CME Rule 90002.F.):

- 1. Fixed Rate Payer: Subject to CBOT Rules 57104., an account required to deliver on a short position in such expiring futures contract shall be the Fixed Rate Payer to the Clearing House. Where such account is required to accept delivery on a long position in such expiring futures contract, the Clearing House shall be the Fixed Rate Payer to such account.
- 2. Floating Rate Payer: Subject to CBOT Rules 57104., an account required to accept delivery on a long position in such expiring futures contract shall be the Floating Rate Payer to the Clearing House. Where such account is required to deliver on a short position in such expiring futures contract, the Clearing House shall be the Floating Rate Payer to such account.
- 3. IRS Effective Date: Third (3rd) Wednesday of futures contract delivery month (CBOT Rules 57102. and 57103.A.).
- 4. Currency: Euros (CME Rule 90102.B.).
- 5. Notional Amount: €100,000.
- 6. Business Day(s): TARGET Settlement Days.
- 7. Business Day Convention: Modified Following.
- 8. Termination Date: Tenth (10th) anniversary of IRS Effective Date. (CBOT Rule 57101.A.3.).
- 9. Initial Payment Amount: See CBOT Rule 57101.B.
- 10. Initial Amount Payer: See CBOT Rule 57101.B.

- 11. Fixed Rate Payment Dates: Annually from IRS Effective Date (CBOT Rule 57101.A.3.) subject to CBOT Rules 57101.A.6. and 57101.A.7.
- 12. Fixed Rate: Futures contract fixed interest rate set by the Exchange at an integer multiple of 25 basis points (ie, one quarter of one percent) per annum when such futures contract is initially listed for trading (CBOT Rule 57102.).
- 13. Fixed Rate Day Count: 30/360.
- 14. Floating Rate Payment Dates: Semiannually from IRS Effective Date (CBOT Rule 57101.A.3.) subject to CBOT Rules 57101.A.6. and 57101.A.7.
- 15. Floating Rate Option: EUR-EURIBOR-Reuters (CME Rule 90102.E.4.).
- 16. Designated Maturity: Six (6) months.
- 17. Floating Rate Day Count: Actual/360.
- 18. Spread: None.
- 19. Compounding: None.

## 57101.B. Physical Delivery

Each individual futures contract lot that is delivered shall be an IRS Contract (CME Rule 90002.J.) that meets Contract Grade (CBOT Rule 57101.A.).

For an IRS Clearing Member carrying an account that is required to make or accept delivery on an expiring futures contract (CBOT Rules 57104.), the IRS Initial Payment Amount (CBOT Rule 57101.A.9.) due upon delivery (CBOT Rule 57103.) of such IRS Contract, and the Initial Amount Payer (CBOT Rule 57101.A.10.), shall be determined as follows:

Define P as the Final Settlement Price (CBOT Rule 812.) of an expiring futures contract, as determined by the Exchange at such contract's Termination of Trading (CBOT Rule 57102.F.), where such Final Settlement Price is expressed in points and fractions of points, with par on the basis of 100 points (CBOT Rule 57102.C.).

- 1. If P is greater than 100 points, then the long IRS Clearing Member taking delivery shall pay to the Clearing House, and the short IRS Clearing Member making delivery shall receive from the Clearing House, an Initial Payment Amount equal to:
- (€1,000 per point) x (P points minus 100 points) per contract.
- 2. Else, if P is less than or equal to 100 points, then the short IRS Clearing Member making delivery shall pay to the Clearing House, and the long IRS Clearing Member taking delivery shall receive from the Clearing House, an Initial Payment Amount equal to:
- (€1,000 per point) x (100 points minus P points) per contract.
- 3. For each individual contract lot that is delivered, such Initial Payment Amount shall be rounded to the nearest cent, with half-cents rounded up to the nearest cent.

Example: For a hypothetical expiring futures contract, assume the final settlement price P is 100.210 (ie, 100.210 points). On the third Wednesday of the contract Delivery Month the holder of a long futures position taking delivery (the Floating Rate Payer in the delivered IRS Contract) shall pay to the Clearing House an Initial Payment Amount of €210 per contract, equal to (€1,000 per point) x (100.210 points minus 100 points). Conversely, the holder of a short futures position making delivery (the Fixed Rate Payer in the delivered IRS Contract) shall receive from the Clearing House an Initial Payment Amount of €210 per contract.

#### 57102. TRADING SPECIFICATIONS

The number of contract delivery months open for trading at a given time shall be determined by the Exchange. Without limitation to the foregoing, the Exchange customarily shall list for trading futures contracts for delivery in at least each of the two nearest months in the March-June-September-December quarterly cycle.

For a given futures contract for a given delivery month, the Exchange shall determine the value of the Fixed Rate that shall standardize the Contract Grade for such futures contract (CBOT Rule 57101.A.12.). The Exchange also shall determine whether, and when, to list for trading any additional futures contract(s) for such delivery month that are standardized to Fixed Rate value(s) different to the Fixed Rate value of such futures contract.

## 57102.A. Trading Schedule

The hours of trading shall be determined by the Exchange. On the last day of trading in an expiring contract (CBOT Rule 57102.F.), the close of the expiring contract shall begin at 5:14 pm Central European time, and trading shall be permitted thereafter for a period not to exceed one minute.

#### 57102.B. Trading Unit

The unit of trading shall be IRS Contracts that meet Contract Grade (CBOT Rule 57101.A.), having notional amount of one hundred thousand Euros (€100,000) or multiples thereof.

#### 57102.C. Price Increments

Par shall be on the basis of 100 points, with each point equal to €1,000 per contract. The minimum price fluctuation shall be one one-hundredth (1/100th) of one point (equal to €10 per contract), except for intermonth spreads for which the minimum price fluctuation shall be one half of one-hundredth (1/2 of 1/100th) of one point (equal to €5 per intermonth spread contract pair). Contracts shall not be made on any other price basis.

#### 57102.D. Reserved

57102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels
The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth
in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special
Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to CBOT Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

## 57102.F. Termination of Trading

Trading in an expiring futures contract shall terminate no later than 5:15pm Central European time (CBOT Rule 57102.A.) on the second TARGET Settlement Day before the third Wednesday of the contract delivery month (where TARGET signifies the Trans-European Automated Real-time Gross settlement Express Transfer system).

#### 57103. DATE OF DELIVERY

Subject to CBOT Rules 57104., delivery on an expiring futures contract shall be made by a short IRS Clearing Member, and shall be taken by a long IRS Clearing Member, on the third Wednesday of the futures delivery month (CBOT Rule 57102.).

#### 57103.A. IRS Effective Date

Such Date of Delivery shall be the Effective Date (CBOT Rule 57101.A.3.) of the IRS Contract that is delivered or accepted for delivery in fulfillment of such expiring futures contract.

## 57103.B. Acceptance Date and Clearing Effective Date

The first Clearing Business Day (CME Rule 90002.D.) preceding such Date of Delivery shall be the Acceptance Date (CME Rule 90002.B.) and the Clearing Effective Date (CME Rule 90002.E.) of the IRS Contract to be delivered or accepted for delivery in fulfillment of such expiring futures contract.

#### 57104. DELIVERIES ON EXPIRING FUTURES CONTRACTS

## 57104.A. Requirements for Participation in Delivery

For an account carried by a clearing member to make or accept delivery on an expiring futures contract, the holder of such account is required to be:

- 1. an Eligible Contract Participant, as that term is defined in Section 1a(18) of the Commodity Exchange Act (7 USC §1a(18) and 17 CFR 1.3(m)), and
- 2. either an IRS Clearing Member (CME Rule 90005.A.) or an IRS Participant registered with CME by an IRS Clearing Member (CME Rule 8F009. and CME Rule 90005.B.).

Subject to these requirements and to CBOT Rules 57104.B. and 57104.C., upon termination of trading in such expiring futures (CBOT Rule 57102.F.), the holder of each such account that holds a long interest in such futures contract shall be required to accept delivery from the Clearing House of IRS Contracts that meet Contract Grade (CBOT Rule 57101.A.), and the holder of each such account that holds a short interest in such futures contract shall be required to make delivery to the Clearing House of IRS Contracts that meet Contract Grade.

## 57104.B. IRS Product Account Registration

Any IRS Contract delivered or accepted for delivery in fulfillment of an expiring futures contract must be identified with an IRS Product account number that identifies the holder of such IRS Product account, and that specifies whether such IRS Product account is either (1) a proprietary account of an IRS Clearing Member or (2) held by a customer registered with CME by an IRS Clearing Member as an IRS Participant (CME Rule 8F009. and CME Rule 90005.B.).

#### 57104.C. Clearing Member Obligations in Delivery

Subject to the provisions of CBOT Rulebook Chapters 7, 8, and 9, as of the termination of trading in an expiring futures contract (CBOT Rule 57102.F.), each clearing member that carries accounts holding long or short interest in such expiring futures contract shall:

- 1. ensure that the requirements set forth in CBOT Rule 57104.A. are met.
- 2. in accord with the requirements set forth in CBOT Rule 57104.B., ensure that the holder of each such account has designated (a) the IRS Product account(s) in which the holder shall make or accept any deliveries on expiring futures contracts and (b) the IRS Clearing Member(s) carrying such IRS Product account(s).
- 3. ensure that any IRS Clearing Member carrying such IRS Product account(s) as may be designated pursuant to CBOT Rule 57104.C.2. has been notified of such designation.
- 4. obtain acknowledgement from each IRS Clearing Member designated pursuant to CBOT Rule 57104.C.2. that such IRS Clearing Member shall guarantee and assume complete responsibility for the performance of all delivery requirements in respect of such expiring futures (CBOT Rule 57104.E.).

Where a clearing member carries accounts holding interest both long and short in such expiring futures contract, the clearing member must fulfill these Rules 57104.C. so as to procure that delivery shall be made by all such accounts holding short interest and shall be accepted by all such accounts holding long interest.

## 57104.D. Clearing Member Reporting Obligations Prior to Delivery

Each clearing member that carries accounts holding long or short interest in an expiring futures contract shall report to the Clearing House, on each of the last 5 days of trading in such expiring futures, an accurate inventory of such long and short interest, in such manner and at such times as the Clearing House may prescribe, provided that such inventory must include, for each account holding long or short interest:

- 1. declaration of the number of expiring futures contracts held long, and the number of expiring futures contracts held short, in such account;
- 2. confirmation whether such account meets, or does not meet, the requirements set forth in CBOT Rule 57104.A.;
- 3. where such account meets the requirements set forth in CBOT Rule 57104.A., (a) the IRS Product account number, and the IRS Product account origin (house or customer), and the IRS Clearing Member carrying such IRS Product account, as designated pursuant to CBOT Rule 57104.C.2., and (b) confirmation that such IRS Clearing Member has been notified as required by CBOT Rule 57104.C.3., and has made such acknowledgements as are required by CBOT Rule 57104.C.4.

## 57104.E. Notification of IRS Clearing Members in Delivery

Following the termination of trading in an expiring futures contract (CBOT Rule 57102.F.), the Clearing House shall notify each IRS Clearing Member carrying one or more IRS Product accounts that are required to make or accept delivery in fulfillment of such expiring futures, as designated pursuant to CBOT Rules 57104.C. For each such IRS Clearing Member, such Clearing House notification shall include:

1. identification of IRS Product accounts, carried by such IRS Clearing Member, that are required to accept delivery on long futures positions; the size of each such long futures position; and the identity of the clearing member firm(s) carrying the account(s) in which each such long futures position is held; and /or

2. identification of IRS Product Accounts, carried by such IRS Clearing Member, that are required to make delivery on short futures positions; the size of each such short futures position; and the identity of the clearing member firm(s) carrying the account(s) in which each such short futures position is held.

## 57104.F. IRS Clearing Member Obligations in Delivery

In the event that an IRS Clearing Member disputes such notification of delivery on expiring futures as it may receive from the Clearing House, pursuant to CBOT Rule 57104.E., such IRS Clearing Member shall promptly notify the Clearing House, and the dispute must be settled no later than 12:30 p.m. Chicago time on the Acceptance Date and Clearing Effective Date for delivery in fulfillment of such expiring futures (CBOT Rule 57103.B.).

As of 12:30 p.m. Chicago time on the Acceptance Date and Clearing Effective Date for delivery in fulfillment of an expiring futures, an IRS Clearing Member who carries an IRS Product account that is required to make or accept delivery on such expiring futures contract (CBOT Rules 57104.A, 57104.B., 57104.C., 57104.D. and 57104.E.) shall guarantee and assume complete responsibility for the performance of all delivery requirements set forth in the Rules.

## 57104.G. Clearing House Financial Safeguards

A futures contract made under these Rules shall be a Base Guaranty Fund Product subject to the Clearing House financial safeguards provided by the General Guarantee Fund (CME Rule 802.A.). An IRS Contract that is delivered or accepted for delivery in fulfillment of a futures contract made under these Rules shall be an IRS Product subject to the Clearing House financial safeguards provided by the IRS Guaranty Fund (CME Rule 8G07.).

57105. (RESERVED)

57106. (RESERVED)

#### 57107. PAYMENT

Where an Initial Payment Amount is required in fulfillment of delivery on an expiring futures contract (CBOT Rule 57101.B.), an IRS Clearing Member that is determined as an Initial Payment Payer shall pay to the Clearing House, and an IRS Clearing Member that is determined as the receiver of an Initial Payment Amount shall receive from the Clearing House, an amount equal to such Initial Payment Amount on the Date of Delivery (CBOT Rule 57103.) at such time as the Clearing House may designate. If such Initial Payment Amount is equivalent to \$100,000,000 or greater, then the IRS Clearing Member that is determined as the Initial Payment Payer shall pay such Initial Payment Amount to the Clearing House no later than 6:00pm on the Acceptance Date of the IRS Contracts that are delivered, and accepted for delivery, in fulfillment of such expiring futures contract (CBOT Rule 57103.B. and CME Rule 90102.C.)

## **APPENDIX 2**

Amendments to the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of CBOT Rulebook Chapter 5

(Provided Under Separate Cover)

## **APPENDIX 3**

## Amendments to CBOT Rule 588.H. Globex Non-Reviewable Trading Ranges

(Additions are shown in underline font.)

Instrument	Non-Reviewable Range (NRR) in Globex Format	NRR including Unit of Measure	NRR Ticks
10-Year Euro Interest Rate Swap Futures	<u>94</u>	0.94 of 1 point	<u>94</u>
5-Year Euro Interest Rate Swap Futures	45	0.45 of 1 point	45
2-Year Euro Interest Rate Swap Futures	450	0.45 of 1 point	90
			<del></del>

Contract Name	Rule Chapter	Commodity Code	Contract Size
2-Year EUR Interest Rate Swap Futures	<u>55</u>	<u>T1E</u>	<u>€100,000</u>
5-Year EUR Interest Rate Swap Futures	<u>56</u>	<u>F1E</u>	<u>€100,000</u>
10-Year EUR Interest Rate Swap Futures	<u>57</u>	<u>N1E</u>	<u>€100,000</u>

Contract Units	Туре	Settlement	Group	Diminishing Balance Contract
IRS Contracts (2 yr interest rate swap)	<u>Futures</u>	Physically Delivered Futures	Interest Rate	
IRS Contracts (5 yr interest rate swap)	<u>Futures</u>	Physically Delivered Futures	Interest Rate	
IRS Contracts (10 yr interest rate swap)	<u>Futures</u>	Physically Delivered Futures	Interest Rate	

		_	
		Spot Month	Spot Month Spot Month
Reporting Level	Position Limit in Shipping Certificates, Warehouse Receipts	Position Comprised of Futures and Deliveries	Aggregate Aggregate Spot-Month Into Futures Into Futures Aggregate Into Equivalent Equivalent Ratio Leg (1) Leg (1) Leg (2)
1			
<u>1</u>			
<u>1</u>			

Spot- Aggre Into F Leg (2	Ratio	Spot-Month Accountability Level	Initial Spot- Month Limit (In Net Futures Equivalents) Leg (1)/ Leg (2)	Initial Spot-Month Limit Effective Date	Spot-Month Limit (In Contract Units) Leg (1) / Leg (2)

Second Spot-Month	Single Month
Second Spot- Month Limit (In Net Futures Second Spot-Month Limit Effective Date Equivalents) Leg (1)/ Leg (2)	Single Month Single Month Aggregate Aggregate Into Futures Into Futures Equivalent Equivalent Leg (1) Leg (2)
	<u>T1E</u>
	<u>F1E</u>
	<u>N1E</u>

				All Month	
Single Month Aggregate Into Ratio Leg (1)	Single Month Aggregate Into Ratio Leg (2)	Single Month Accountabilit y Level Leg (1) / Leg (2)	Single Month Limit (In Net Futures Equivalents) Leg (1) / Leg (2)	All Month Limit Aggregate Into Futures Equivalent Leg (1)	All Month Limit Aggregate Into Futures Equivalent Leg (2)
		5,000		<u>T1E</u>	
		<u>5,000</u>		<u>F1E</u>	
		<u>5,000</u>		<u>N1E</u>	
				l	

All Month Aggregate Into Ratio Leg (1)	All Month Aggregate Into Ratio Leg (2)	All Month Accountability Level Leg (1) / Leg (2)	All Month Limit (In Net Futures Equivalents) Leg (1) / Leg (2)

5,000

<u>5,000</u>

5,000